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**NUMISMATIC
LITERATURE**

REF

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No. 131

March 1994



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**THE AMERICAN NUMISMATIC SOCIETY
NEW YORK**

THE AMERICAN NUMISMATIC SOCIETY

Founded 1858

Incorporated 1865

Broadway between 155th and 156th Streets
New York, NY 10032

PURPOSES: The Society was founded for the collection and preservation of coins, medals, decorations and paper money and for the investigation of their history and other subjects connected therewith.

MEMBERSHIP: Applications for membership are welcomed from all interested in numismatics. Inquiries regarding membership should be addressed to the Secretary of the Society.

DUES: The Annual dues for an Associate Membership are forty dollars. Issues of *American Journal of Numismatics*, formerly *Museum Notes*, the *Annual Report* and the quarterly *Newsletter* are distributed to all members.

PUBLICATIONS: The *American Journal of Numismatics* is a scholarly journal containing articles on numismatic topics. The Numismatic Notes and Monographs consist of separately issued publications, each on a single topic. Numismatic Studies is a series accommodating works in a larger format. *Numismatic Literature*, published twice a year, is an international abstract bibliography of the current literature in the profession. Ancient Coins in North American Collections publishes private collections. The Society is also engaged in the systematic publication of its entire Greek coin collection in *Sylloge Nummorum Graecorum: The American Numismatic Society*.

MUSEUM: The Society maintains a museum located in uptown Manhattan, New York City, which houses its offices, collections, and library. Collections embrace coins of all periods from their inception to modern times, medals and decorations. Selections from its cabinets are on display in an exhibition. The library, consisting of over 70,000 titles, covers all branches of numismatics.

The museum is open to members and the public from 9 AM to 4:30 PM on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays. In addition, the public exhibition is open on Sundays from 1 to 4 PM. The museum is closed on Mondays and the following holidays: New Year's Day, Lincoln's Birthday, Independence Day, Election Day, Thanksgiving Day, the fourth Friday in November, the fourth Saturday in November, December 24 and Christmas Day. The public exhibition is open from 10 AM to 4:30 PM on the fourth Friday and the fourth Saturday of November.

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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefitting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The revisions in format introduced in *NL* 117 distinguish the different fields of ancient study opposed to the broad definition applied in Head's *Historia Numorum*.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published*. A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a *Festschrift* or *Proceedings of a Congress*, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
5. Date of publication
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is a book, the following information must also be given:

3. Edition number and editor's name, if any
4. Place of publication and name of the publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

Non-Current Titles

The International Editor of *Numismatic Literature* maintains a control file, grouped by country of publication, of all new title cards entered into the Society's library card catalogue. Cards are removed from this control file as the relevant titles are received from the Contributing Editors. Title cards in the control file are published as they become three years old in order to prevent omission of these titles. Publication of such entries is necessarily limited to bibliographical information only.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

<i>AA</i>	<i>Archäologischer Anzeiger. Beiblatt zum Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, Germany.
<i>AAntiquaAcadSciHung</i>	<i>Acta Antiqua Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia, Klassika-Filológiai Közleményei, Budapest, Hungary.
<i>AArchAcadSciHung</i>	<i>Acta Archaeologica Academiae Scientiarum Hungaricae.</i> Magyar Tudományos Akadémia Régészeti Közleményei, Budapest, Hungary.
<i>AArchCarpathica</i>	<i>Acta Archaeologica Carpathica.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>AArchLodziensia</i>	<i>Acta Archaeologica Lodziensia.</i> Łódzkie Towarzystwo Naukowe (Societas Scientiarum Lodziensis), Łódź, Poland.
<i>ABalt-Slav</i>	<i>Acta Baltico-Slavica.</i> Białostockie Towarzystwo Naukowe, Białystok, Poland.
<i>ABhandarkarOrResInst</i>	<i>Annals of the Bhandarkar Oriental Research Institute.</i> Poona, India.
<i>al-Abhath</i>	<i>al-Abhath.</i> American University of Beirut, Beirut, Lebanon.
<i>AbhBerlin</i>	<i>Abhandlungen.</i> Akademie der Wissenschaften, philosophisch-historische Klasse, Berlin, Germany.
<i>ÅBohuslänsHembygds</i>	<i>Årrskrift.</i> Bohusläns Hembygdsförbund, Uddevalla, Sweden.
<i>ABSA</i>	<i>Annual. British School at Athens.</i> London, England.
<i>AC</i>	<i>L'Antiquité Classique.</i> Louvain, Belgium.
<i>ACME</i>	<i>ACME.</i> Università degli Studi di Milano, Milan, Italy.
<i>ACR</i>	<i>Australian Coin Review.</i> Melbourne, Australia.
<i>ActaA</i>	<i>Acta Archaeologica.</i> Copenhagen, Denmark.
<i>ActaArch</i>	<i>Acta Archaeologica Academiae Scientiarum Hungariae.</i> Publishing House of the Hungarian Academy of Sciences, Budapest, Hungary.
<i>ActaArchLov</i>	<i>Acta Archaeologica Lovaniensia.</i> Louvain, Département Archeologie en Kunstgeschiedenis, Louvain, Belgium.
<i>Acta Num</i>	<i>Acta Numismatica.</i> Societat Catalana d'Estudis Numismàtics, Barcelona, Spain.
<i>ActaPraehistArch</i>	<i>Acta Praehistorica et Archaeologica.</i> Berliner Gesellschaft für Anthropologie, Ethnologie

- und Urgeschichte, Preussischer Kulturbesitz Berlin, the Ibero-Amerikanische Institut, and Staatlichen Museum, Berlin, Germany.
- ADelt* *Archaiologikon Deltion*. Athens, Greece.
- AdvArchMethodTheory* *Advances in Archaeological Method and Theory*. Academic Press, New York, New York, U.S.A.
- AE* *Arkheograficheskiĭ Ezhegodnik*. Akademiia Nauk SSSR, Otdelenie Obshchestvennykh Nauk, Moscow, U.S.S.R.
- Aegyptus* *Aegyptus*. Rivista Italiana di Egittologia e di papirologia. Milan, Italy.
- AF* *Ausgrabungen und Funde. Nachrichtenblatt für Vor- und Frühgeschichte*. Akademie der Wissenschaften, Berlin, Germany.
- Afghan Studies* *Afghan Studies*. London, England.
- Africa* *Africa. Fouilles, Monuments et Collections Archéologiques en Tunisie*. République Tunisienne, Ministère des Affaires Culturelles et de l'Information, Institut National d'Archéologie et Arts, Tunis, Tunisia.
- AHHI* *Alon Hahebra Hanumismatit Le'Israel*. Newssheet of the Israel Numismatic Society, Tel Aviv, Israel.
- AIB* *Arkheologiia i Istorii Bospora. Sbornik Statei*. Gosudarstvennyiĭ Kerchenskiĭ Istorikoarkheologicheskii Muzei imeni A.S. Pushkina, Simferopol, U.S.S.R.
- AIIN* *Annali. Istituto Italiano di Numismatica*. Rome, Italy.
- AJA* *American Journal of Archaeology*. Archaeological Institute of America, New York, New York, U.S.A.
- AJP* *American Journal of Philology*. Johns Hopkins University Press, Baltimore, Maryland, U.S.A.
- AK* *Antike Kunst*. Vereinigung der Freunde Antiker Kunst, Basel, Switzerland.
- Al Quds al Sharif* *Al Quds al Sharif*. Amman, Jordan.
- Alt-Thüringen* *Alt-Thüringen. Jahresschrift des Museums für Ur- und Frühgeschichte Thüringen*. Weimar, Germany.
- AlteModKunst* *Alte und Moderne Kunst. Österreichische Fachzeitschrift des Marktes für Antiquitäten, Bilder, Kunstgegenstände Alter und Moderner Kunst*. Vienna, Austria.
- Aluta* *Aluta*. Muzeul Județean, Sfântu-Gheorghe Romania.
- AM* See *MDAI(A)*.
- Amgueddfa* *Amgueddfa*. National Museum of Wales, Cardiff Wales.

<i>Amphora</i>	<i>Amphora</i> . Bulletin du Cercle archéologique Amphora, Braine l'Alleud, Belgium.
<i>Ampurias</i>	<i>Ampurias</i> . <i>Revista de Arqueología, Prehistoria y Et-nología</i> . Disputacion Provincial de Barcelona, Servicio de Investigaciones Arqueológicas, Barcelona, Spain.
<i>AMUGS</i>	<i>Antike Münzen und Geschnittene Steine</i> . Berlin, Germany.
<i>AMusNapocensis</i>	<i>Acta Musei Napocensis</i> . Muzeul de Istorie, Cluj, Romania.
<i>AMusPorol</i>	<i>Acta Musei Porolissensis</i> . Muzeul de Istorie și Ar-tă, Zalău, Romania.
<i>AnalUnivBucurești</i>	<i>Analele Universității București. Științe Sociale, Seria Istorie</i> . Bucharest, Romania.
<i>AnalUnivCraiova</i>	<i>Analele Universității din Craiova. Seria Istorie, Geografie, Filologie</i> . Craiova, Romania.
<i>AnatStud</i>	<i>Anatolian Studies. Journal of the British Institute of Archaeology at Ankara</i> . London, England.
<i>AncSoc</i>	<i>Ancient Society</i> . Seminary of Ancient History, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>AnInstIstArhCluj</i>	<i>Anuarul Institutului de Istorie și Arheologie Cluj-Napoca</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Filiala Cluj-Napoca, Cluj, Romania.
<i>ANJ</i>	<i>Australian Numismatic Journal</i> . Numismatic Society of South Australia, Adelaide, Australia.
<i>AnnaliFacLetFilo</i>	<i>Annali della Facoltà di Lettere e Filosofia</i> . Università degli Studi di Perugia, Perugia, Italy.
<i>AnnaliSNSPisa</i>	<i>Annali della Scuola Normale Superiore di Pisa</i> . Scuola Normale Superiore, Pisa, Italy.
<i>AnnABorsod</i>	<i>Annual of Archiv in Borsod</i> . Archiv of comitat Borsod, Miskolc, Hungary.
<i>AnnDAJ</i>	<i>Annual of the Department of Antiquities</i> . Amman, Jordan.
<i>AnnÉcPratHÉt</i>	<i>Annuaire de l'École Pratique des Hautes Études, IVème Section</i> . Paris, France.
<i>AnnHungNumSoc</i>	<i>Annual of the Hungarian Numismatic Society</i> . Budapest, Hungary.
<i>AnnMusNatArchPlovdiv</i>	<i>Annuaire du Musée National Archéologique, Plovdiv</i> . Plovdiv, Bulgaria.
<i>AnnOHMus</i>	<i>Annual of the Otto Herman Museum</i> . Otto Herman Museum, Miskolc, Hungary.
<i>AnnUnivPadova</i>	<i>Annali dell'Università di Padova. Facoltà di Economia e Commercio in Verona</i> . Verona, Italy.
<i>ANormandia</i>	<i>Annales de Normandie; Revue Trimestrielle d'Études</i>

	<i>Régionales</i> . Rouen, France.
<i>ANSMN</i>	<i>American Numismatic Society Museum Notes</i> . New York, New York, U.S.A.
<i>ANSNS</i>	See <i>NS</i> .
<i>Antemurale</i>	<i>Antemurale</i> . Institutum Historicum Polonicum Romae/Societas Polonica Scientiarum et Litterarum in Exteri Londinii, Rome, Italy/London, England.
<i>Antichthon</i>	<i>Antichthon</i> . Journal of the Australian Society for Classical Studies, Sydney, Australia.
<i>Antigua</i>	<i>Antigua</i> . Revista di Archeologia, architettura, urbanistica dalle origini al Medioevo. Rome, Italy.
<i>AntiqAfr</i>	<i>Antiquités Africaines</i> . Centre National de Recherche Scientifique, Paris, France.
<i>Antiquity</i>	<i>Antiquity</i> . <i>A Quarterly Review of Archaeology</i> . Gloucester, England.
<i>AntJ</i>	<i>Antiquaries' Journal</i> . <i>Journal of the Society of Antiquaries of London</i> . London, England.
<i>AOKW</i>	<i>Annalen van de Oudheidkundige Kring van het Land van Waas</i> . Sint-Niklaas-Waas, Belgium.
<i>APA</i>	<i>Acta Praehistorica et Archaeologica</i> . Berlin, Germany.
<i>Applied Spectroscopy</i>	<i>Applied Spectroscopy</i> . Society for Applied Spectroscopy, Baltimore, Maryland, U.S.A.
<i>Apulum</i>	<i>Apulum</i> . <i>Acta Musei Apulensis</i> . Alba Iulia, Romania.
<i>Aquilchiam</i>	<i>Aquileia chiama</i> . Associazione nazionale per Aquileia, Udine, Italy.
<i>Arabica</i>	<i>Arabica</i> . <i>Revue d'Études Arabes</i> . Leiden, Netherlands.
<i>ArchAeliana</i>	<i>Archaeologica Aeliana; or Miscellaneous Tracts Relating to Antiquities</i> . Society of Antiquaries, Newcastle-upon-Tyne, England.
<i>Archaeologia</i>	<i>Archaeologia; or Miscellaneous Tracts Relating to Archaeology</i> . Society of Antiquaries, London, England.
<i>Archaeology</i>	<i>Archaeology</i> . Archaeological Institute of America, New York, New York, U.S.A.
<i>Archaeometry</i>	<i>Archaeometry</i> . Research Laboratory for Archaeology and the History of Art, Oxford University, Oxford, England.
<i>Archaiologia</i>	<i>Archaiologia</i> . Lambrakis Press, Athens, Greece.
<i>ArchAnAth</i>	<i>Archaiologika Analekta ex Athēnōn</i> . Athens, Greece.
<i>ArchCambrensis</i>	<i>Archaeologia Cambrensis</i> . Cambrian Ar-

<i>ArchCantiana</i>	chaeological Association, London, England. <i>Archaeologia Cantiana. Transactions of the Kent Archaeological Society.</i> London, England.
<i>ArchCl</i>	<i>Archeologia Classica.</i> Università di Roma, Istituto di Archeologia, Rome, Italy.
<i>ArchCypria</i>	<i>Archaeologia Cypria.</i> Annual of the Association of Cypriot Archaeologists, Nicosia, Cyprus.
<i>ArchEnviron</i>	<i>Archaeology and Environment.</i> Department of Archaeology, University of Umeå, Umeå, Sweden.
<i>Archeologia</i>	<i>Archeologia.</i> Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Warsaw, Poland.
<i>Archéologie</i>	<i>Archéologie.</i> Centre National de Recherches Archéologiques en Belgique, Brussels, Belgium.
<i>Archéonumis</i>	<i>Archéonumis. Revue d'art, de numismatique et d'archéologie.</i> Société d'Informations Artistiques, Numismatiques et Archéologiques, Paris, France.
<i>ArchEphemeris</i>	<i>Archaiologike Ephemeris.</i> Archaiologiki Hetairia en Athenais, Athens, Greece.
<i>ArchEspArq</i>	<i>Archivo Español de Arqueología.</i> Instituto del Consejo Superior de Investigaciones Científicas, Madrid, Spain.
<i>ArchEurMedAev</i>	<i>Archivum Eurasiae Medii Aevi.</i> Otto Harrassowitz, Wiesbaden, Germany.
<i>ArchFrankGeschKunst</i>	<i>Archiv für Frankfurts Geschichte und Kunst.</i> Dr. Waldemar Kramer, Frankfurt-am-Main, Germany.
<i>ArchHéraldSuisses</i>	<i>Archives Héraldiques Suisses. Annuaire.</i> Lausanne, Switzerland.
<i>ArchHistLev</i>	<i>Archivo de Prehistoria Levantina.</i> Valencia, Spain.
<i>ArchJ</i>	<i>The Archaeological Journal.</i> Royal Archaeological Institute of Great Britain and Ireland, London, England.
<i>ArchJuives</i>	<i>Archives Juives. Cahiers de la Commission des Archives Juives.</i> Paris, France.
<i>ArchLaziale</i>	<i>Archeologia Laziale.</i> Quaderni del Centro di Studi per l'Archeologia etrusco-italica, Consiglio Nazionale delle Ricerche, Rome, Italy.
<i>ArchMedio</i>	<i>Archeologia Medioeva.</i> Gruppo Archeologico Romano, Rome, Italy.
<i>ArchNachrBaden</i>	<i>Archäologische Nachrichten aus Baden.</i> Baden, Germany.
<i>ArchPol</i>	<i>Archeologia Polski.</i> Instytut Historii Kultury

	Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>ArchPolona</i>	<i>Archaeologia Polona</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław/Warsaw/Kraków/Gdańsk, Poland.
<i>Arch Rozhledy</i>	<i>Archeologické Rozhledy</i> . Archeologický Ústav, Československá Akademie Věd, Prague, Czechoslovakia.
<i>ArchSchlesische Kirchengesch</i>	<i>Archiv für Schlesische Kirchengeschichte</i> . Institut für Ostdeutsche Kirchen- und Kulturgeschichte, Hildesheim, Germany.
<i>ArchStorMess</i>	<i>Archivio Storico Messinese</i> . Società Messinese di Storia Patria, Messina, Italy.
<i>ArchStorSiciliaOrient</i>	<i>Archivio Storico per la Sicilia Orientale</i> . Società di Storia Patria, Catania, Sicily.
<i>ArchTriest</i>	<i>Archeografo Triestino</i> . Società del Gabinetto di Minerva, Trieste, Italy.
<i>ArchVenet</i>	<i>Archivio Veneto</i> . Deputazione di Storia Patria, Venice, Italy.
<i>ArchVeneta</i>	<i>Archeologia Veneta</i> . Società Archeologica Veneta, Padua, Italy.
<i>ArchViva</i>	<i>Archeologia Viva</i> . Arte e Natura editors, Florence, Italy.
<i>ArdenneFamenne</i>	<i>Ardenne et Famenne</i> . Embourg, Belgium.
<i>Arethusa</i>	<i>Arethusa</i> . State University of New York, Buffalo, New York, U.S.A.
<i>Argo</i>	<i>Argo</i> . Narodni Muzej, Ljubljana, Yugoslavia.
<i>ArhMoldovei</i>	<i>Arheologia Moldovei</i> . Institutul de Istorie și Arheologie, Iași, Romania.
<i>ArhivOlteniei</i>	<i>Arhivele Olteniei, Craiova</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România. Centru de Științe Sociale, Craiova, Romania.
<i>ArhV</i>	<i>Arheoloski Vestnik (Acta Archaeologica)</i> . Academia Scientiarum et Artium Slovenica, Ljubljana, Yugoslavia.
<i>Arkheologiia</i>	<i>Arkheologiia. Organ na Arkheologicheskita Institut i Muzei pri B'lgarskata Akademiia na Naukite</i> . Sofia, Bulgaria.
<i>Arkhivi Ukr</i>	<i>Arkhivi Ukraini. Naukovo Informatsiiniĭ Biuleten' Arkhivnogo Upravliniia pri Radi Ministriv URSR</i> . Kiev, U.S.S.R.
<i>ArkKiev</i>	<i>Arkheologiia</i> . Akademiia Nauk USSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>ArkOtkr</i>	<i>Arkheologicheskie Otkrytiia</i> [Archaeological Discoveries]. AN SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>ArkPamURSR</i>	<i>Arkheologichi Pamiatniki URSR</i> . Akademiia Nauk

	Ukrainskoï SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>Armenian NJ</i>	<i>Armenian Numismatic Journal</i> . Armenian Numismatic Society, Pico Rivera, California, U.S.A.
<i>Armenia Today</i>	<i>Armenia Today</i> . Armenian Society for Friendly and Cultural Ties with Foreign Countries, Erevan, U.S.S.R.
<i>ArqPort</i>	<i>Arqueólogo Português</i> . Lisbon, Portugal.
<i>Arrabona</i>	<i>Arrabona. A Györi Múzeum Evkönyve</i> . Györ, Hungary.
<i>Arse</i>	<i>Arse</i> . Sagunto, Spain.
<i>ARSRMemSectŞtiinŃIst</i>	<i>Academia Republicii Socialiste România, Memoriile SecŃiei de ŞtiinŃe Istorice</i> . Series IVA. Bucharest, Romania.
<i>Årsskrift</i>	<i>Årsskrift</i> . Förening för bevarande af stadens minnen, Gamla Lund, Lund, Sweden.
<i>ArtQ</i>	<i>Art Quarterly</i> . Detroit Institute of Arts, Detroit, Michigan, U.S.A.
<i>Aryana</i>	<i>Aryana</i> . Anjumani Tariki Afghanistan [Historical Society of Afghanistan], Kabul, Afghanistan.
<i>AS</i>	See <i>AnatStud</i> .
<i>ASECONUM</i>	<i>ASECONUM</i> . Asociación Española de Comerciantes de Numismática, Madrid, Spain.
<i>Asharq Al-Awsat</i>	<i>Asharq Al-Awsat</i> . Arabic daily, London, England.
<i>Ashmolean</i>	<i>The Ashmolean</i> . Ashmolean Museum, Oxford, England.
<i>ASocArchNamur</i>	<i>Annales de la Société Archéologique de Namur</i> . Namur, Belgium.
<i>ASocSciLittCannes</i>	<i>Annales de la Société Scientifique Littéraire de Cannes et de l'Arrondissement de Grasse</i> . Cannes, France.
<i>Atacina</i>	<i>Atacina</i> . Laboratoire de préhistoire et de palethnologie, Dépôt de fouilles préhistoriques, Carcassone, France.
<i>Athenaeum</i>	<i>Athenaeum; Studi Periodici di Letteratura e Storia dell'Antichità</i> . Università di Pavia, Amministrazione di Athenaeum, Pavia, Italy.
<i>AthMitt</i>	See <i>MDAI[A]</i> .
<i>Atiqot</i>	<i>Atiqot</i> . Department of Antiquities, Jerusalem, Israel.
<i>AttiAccadSciBologna</i>	<i>Atti dell'Scienze di Bologna. Rendiconti</i> . Accademia delle Scienze di Bologna, Bologna, Italy.
<i>AttiIstVeneto</i>	<i>Atti. Istituto Veneto di Scienze, Lettere ed Arti</i> . Venice,

	Italy.
<i>AttiMem</i>	<i>Atti e memorie</i> . Deputazione di storia patria per le Marche, Ancona, Italy.
<i>AttiMemSocMagnaGrecia</i>	<i>Atti e Memorie della Società Magna Grecia</i> . Rome, Italy.
<i>AttiMemSocTiburtina</i>	<i>Atti e Memorie della Società Tiburtina di Storia e d'Arte</i> . Accademia degli Agevoli/Colonia degli Arcadi Sibillini, Tivoli, Italy.
<i>AttiMemStorPatModen</i>	<i>Atti e Memorie della Deputazione di Storia Patria per le Antiche Province Modenesi</i> . Aedes Muratoriana, Modena, Italy.
<i>AttiSocLigStorPatria</i>	<i>Atti della Società Ligure di Storia Patria</i> . Deputazione di Storia Patria per la Liguria, Genoa, Italy.
<i>Augur</i>	<i>The Augur</i> . Biblical Numismatic Society, Beverly Hills, California, U.S.A.
<i>Auvergne Litt</i>	<i>L'Auvergne Littéraire, Artistique et Historique</i> . Clermont-Ferrand, France.
<i>AV</i>	<i>Annales Valaisannes</i> . Société d'Histoire du Valais Romand, Saint-Maurice, Switzerland.
<i>AylikAnsikDergi</i>	<i>Aylik Ansiklopedik Dergi</i> . Istanbul, Turkey.
<i>AzÉrem</i>	<i>Magyar Éremgyűjtők Egyesülete</i> . Association of the Hungarian Coin Collectors, Budapest, Hungary.
<i>BA</i>	<i>Bollettino d'Arte del Ministero della Pubblica Istruzione</i> . Rome, Italy.
<i>BAA</i>	<i>British Archaeological Abstracts</i> . Council for British Archaeology, London, England.
<i>BAcadRoyBelg</i>	<i>Bulletin de la Classe des Lettres et des Sciences Morales et Politiques, Académie Royale de Belgique</i> . Brussels, Belgium.
<i>BadHersfelder Jh</i>	<i>Bad Hersfelder Jahresheft</i> . Hersfeld, Germany.
<i>Balkan Stud</i>	<i>Balkan Studies</i> . Institute for Balkan Studies, Thessalonica, Greece.
<i>Banatica</i>	<i>Banatica</i> . Comitetul de Cultură Socialista al Județului Caraș Severin, Muzeul Județean, Reșița, Romania.
<i>BanbErevHamal</i>	<i>Banber Erevani Hamalsarani—Vestnik Erevanskogo Universiteta</i> . Erevan, U.S.S.R.
<i>Bancoposten</i>	<i>Bancoposten</i> . Stockholm, Sweden.
<i>Bankovka</i>	<i>Bankovka: Informační Bulletin Klubu Sběratelů Papirových Platidel Numismatické Společnosti Československé</i> . Prague, Czechoslovakia.
<i>BankSudanEcFinBull</i>	<i>Bank of Sudan Economic and Financial Bulletin</i> .

	Bank of Sudan, Economics Department, Khartoum, Sudan.
<i>Bankszemle</i>	<i>Bankszemle</i> . Hungarian National Bank, Budapest, Hungary.
<i>Barilla</i>	<i>Barilla</i> . Central Bank Money Museum, Manila, Philippine Islands.
<i>BASOR</i>	<i>Bulletin of the American Schools of Oriental Research</i> . American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>Bayerland</i>	<i>Bayerland</i> . Munich, Germany.
<i>BayerVorgeschbl</i>	<i>Bayerische Vorgeschichtsblätter</i> . Bayerischen Akademie der Wissenschaften, Kommission für bayerische Landesgeschichte, Munich, Germany.
<i>BCASicilia</i>	<i>BCA Sicilia</i> . Regione Siciliana, Assessorato ai Beni Culturali e Ambientali e alla Pubblica Istruzione, Palermo, Italy.
<i>BCH</i>	<i>Bulletin de Correspondance Hellénique</i> . École Française d'Athènes, Paris, France.
<i>BCTH</i>	<i>Bulletin archéologique du Comité des travaux historiques et scientifiques</i> . Paris, France.
<i>BEcCamCommercRavenna</i>	<i>Bollettino Economico</i> . Camera di Commercio, Industria, Artigianato e Agricoltura di Ravenna, Ravenna, Italy.
<i>BeitrDeutschVolksAltertums-kunde</i>	<i>Beiträge zur Deutschen Volks- und Altertumskunde</i> . Museum für Hamburgische Geschichte, Hamburg, Germany.
<i>BeitrNordhausen</i>	<i>Beiträge zur Heimatkunde aus Stadt und Kreis Nordhausen</i> . Nordhausen, Germany.
<i>Belgeler</i>	<i>Belgeler</i> [Documents]. Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Belgelerle Türk Tarihi Dergisi</i>	<i>Belgelerle Türk Tarihi Dergisi</i> . Ayluk Tarih ve Kültür Dergisi, Istanbul, Turkey.
<i>Belleten</i>	<i>Belleten</i> . Türk Tarih Kurumu Basımevi, Ankara, Turkey.
<i>Berichte</i>	<i>Münzen und Medaillensammler Berichte aus allen Gebieten der Geld-, Münzen- und Medaillenkunde</i> . Freiburg im Breisgau, Germany.
<i>Berkshire ArchJ</i>	<i>Berkshire Archaeological Journal</i> . Berkshire Archaeological and Architectural Society, Reading, England.
<i>Berliner NumZ</i>	<i>Berliner Numismatische Zeitschrift</i> . Numismatische Gesellschaft zu Berlin, Berlin, Germany.
<i>BerStaatDenkmalpf Saarland</i>	<i>Bericht der Staatlichen Denkmalpflege in Saarland</i> .

	<i>Beiträge zur Archäologie und Kunstgeschichte.</i> Staatliches Konservatoramt, Saarbrücken, Germany.
<i>Berytus</i>	<i>Berytus.</i> American University of Beirut, Museum of Archaeology, Beirut, Lebanon.
<i>BethHamikra</i>	<i>Beth Hamikra. Bulletin of the Israel Society for Biblical Research and the World Jewish Biblical Society.</i> Jerusalem, Israel.
<i>BÉtOrient</i>	<i>Bulletin d'Études Orientales.</i> Institut Français de Damas, Damascus, Syria.
<i>BiblArch</i>	<i>Biblical Archaeologist.</i> American Schools of Oriental Research, Jerusalem and Baghdad, Cambridge, Massachusetts, U.S.A.
<i>BiblÉcChartes</i>	<i>Bibliothèque de l'École des Chartes.</i> Paris, France.
<i>BiblHistVaudoise</i>	<i>Bibliothèque Historique Vaudoise.</i> Société Historique Vaudoise, Lausanne, Switzerland.
<i>BiblOrient</i>	<i>Bibliotheca Orientalis.</i> Nederlands Instituut voor het Nabije Oosten, Leiden, Netherlands.
<i>BickelCMN</i>	<i>Bickel's Coin and Medal News. Munt en Medaljenuus.</i> Johannesburg, S. Africa.
<i>BICS</i>	<i>Bulletin of the Institute of Classical Studies.</i> London, England.
<i>Bild der Wissenschaft</i>	<i>Bild der Wissenschaft. Zeitschrift über die Wissenschaften und die Technik in Unserer Zeit.</i> Stuttgart, Germany.
<i>BIN</i>	<i>Bulletin van de IBNS-Nederland.</i> The Netherlands chapter of the IBNS, Branding 24, 1186 DH Amsterdam. ISSN 0925-4587.
<i>BInfZakNarod</i>	<i>Biuletyn Informacyjny Zakładu Narodowego Ossolińskich Biblioteki Polskiej Akademii Nauk.</i> Wrocław, Poland.
<i>BiulInforZarMuz</i>	<i>Biuletyn Informacyjny Zarządu Muzeów i Ochrony Zabytków.</i> Board of Museums and Preservation of Monuments of the Ministry of Culture and Art in Poland.
<i>BiulŻydowskiego InstHist</i>	<i>Biuletyn Żydowskiego Instytutu Historycznego.</i> Warsaw, Poland.
<i>BlDeutscheLandesgesch</i>	<i>Blätter für Deutsche Landesgeschichte.</i> Gesamtverein der Deutschen Geschichts- und Altertumsvereine, Wiesbaden, Germany.
<i>BMadagascar</i>	<i>Bulletin de Madagascar.</i> Service Général de l'Information, Tananarive, Madagascar.
<i>BMemSocArchBordeaux</i>	<i>Bulletin et Mémoires de la Société Archéologique de Bordeaux.</i> Bordeaux, France.
<i>BMNB</i>	<i>Bulletin du Musée National de Burgas.</i> Burgas,

PERIODICAL ABBREVIATIONS

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<i>Britannia</i>	<i>Britannia</i> . Society for Promotion of Roman Studies, London, England.
<i>BSA</i>	See <i>ABSA</i> .
<i>BSEAA</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología</i> . Universidad de Valladolid, Valladolid, Spain.
<i>BSFN</i>	<i>Bulletin de la Société Française de Numismatique</i> . Cabinet des Médailles de la Bibliothèque Nationale, Paris, France.
<i>BSNR</i>	<i>Buletinul Societății Numismatice Române</i> . Bucharest, Romania.
<i>BSOAS</i>	<i>Bulletin of the School of Oriental and African Studies</i> . University of London, London, England.
<i>BSocArchEure-et-Loir</i>	<i>Bulletin des Sociétés d'Études d'Eure-et-Loire</i> . Chartres, France.
<i>BSocArchHCH</i>	<i>Bulletin de la Société archéologique et historique des Hauts Cantons de l'Herault</i> . La Société archéologique et historique des Hauts Cantons de l'Herault. Bédarieux (Herault), France.
<i>BSocÉtSciAude</i>	<i>Bulletin de la Société d'Études Scientifiques de l'Aude</i> . Carcassonne, France
<i>BSocLittHistBrie</i>	<i>Bulletin de la Société Littéraire et Historique de la Brie</i> . Meaux, France.
<i>București</i>	<i>București</i> . Muzeul de Istorie a Municipului București, Bucharest, Romania. See also <i>MatIstMuzBucurești</i> .
<i>Budapest Rég</i>	<i>Budapest Régiségi</i> . Budapest Történeti Múzeum, Budapest, Hungary.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale in Roma</i> . L'Erma, Roma, Italy.
<i>BullStorPistoiese</i>	<i>Bullettino Storico Pistoiese</i> . Società Pistoiese di Storia Patria, Pistoia, Italy.
<i>BulMusNat Varna</i>	<i>Bulletin du musée national à Varna</i> . Varna, Bulgaria.
<i>BültenTurkNumSoc</i>	<i>Bülten</i> . The Turkish Numismatic Society, Istanbul, Turkey.
<i>BullAIÉtSEEur</i>	<i>Bulletin de l'Association Internationale des Études du Sud-Est Européen</i> . Bucharest, Romania.
<i>BullArchAlg</i>	<i>Bulletin d'Archéologie Algérienne</i> . République Algérienne, Ministère de l'Information et de la Culture, Direction des Beaux Arts, Alger, Algeria.
<i>BullArchMaroc</i>	<i>Bulletin d'Archéologie Marocaine</i> . Royaume de Maroc, Ministère de la Culture, Direction des Monuments et des Antiquités, Rabat,

	Morocco.
<i>BullCercArchHesbayeCondroz</i>	<i>Bulletin du Cercle Archéologique Hesbaye-Condroz.</i> Amay, Belgium.
<i>BullClFranMed</i>	<i>Bulletin Club Français de la Médaille.</i> Paris, France.
<i>BullCom</i>	<i>Bullettino della Commissione Archeologica Comunale in Roma.</i> L'Erma, Rome, Italy.
<i>BullCommArchNarbonne</i>	<i>Bulletin de la Commission Archéologique de Narbonne.</i> Narbonne, France.
<i>Bulletin</i>	<i>Bulletin.</i> Central Bank of Tunisia, Tunis, Tunisia.
<i>BullHistMetalGroup</i>	<i>Bulletin of the Historical Metallurgy Group.</i> Iron and Steel Institute, London, England.
<i>BullInst</i>	<i>Bulletin of the Institute of Archaeology of the University of London.</i> London, England.
<i>BullInstArchLiégeois</i>	<i>Bulletin de l'Institut Archéologique Liégeois.</i> Liège, Belgium.
<i>BullInstÉgypt</i>	<i>Bulletin de l'Institut d'Égypte.</i> Cairo, Egypt.
<i>BullMusArchUP</i>	<i>Bulletin of Museums and Archaeology in U.P.</i> Lucknow, India.
<i>BullNYAcadMed</i>	<i>Bulletin of the New York Academy of Medicine.</i> New York, New York, U.S.A.
<i>BullSocÉtLot</i>	<i>Bulletin de la Société des Études du Lot.</i> Cahors, France.
<i>BullSocNatAntFrance</i>	<i>Société Nationale des Antiquaires de France.</i> Palais du Louvre, Paris, France.
<i>BulMonIst</i>	<i>Buletinul Monumentelor Istorice.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>Buridava.</i>	<i>Buridava. Studii și materiale.</i> Muzeul Județean Vâlcea, Râmnicu Vâlcea, Romania.
<i>Byminner</i>	<i>Byminner.</i> Oslo, Norway.
<i>Byzantina</i>	<i>Byzantina.</i> Annual Review of the Center for Byzantine Studies of the School of Philosophy, University of Thessaloniki, Thessaloniki, Greece.
<i>Byzantion</i>	<i>Byzantion. Revue Internationale des Études Byzantines.</i> Société Belge d'Études Byzantines, Brussels, Belgium.
<i>Byz-bulg</i>	<i>Byzantinobulgarica.</i> B'lgarska Akademifia na Naukite, Institut za Istoriia, Sofia, Bulgaria.
<i>ByzForsch</i>	<i>Byzantinische Forschungen.</i> Amsterdam, The Netherlands.
<i>Byz-slav</i>	<i>Byzantinoslavica. Sbornik pro studium byzant-skoslovanských vztahů.</i> Prague, Czechoslovakia.
<i>BZ</i>	<i>Byzantinische Zeitschrift.</i> Munich, Germany.
<i>CA</i>	<i>Cercetări Arheologice.</i> Academia de Științe Sociale

	Bulgaria.
<i>BMQ</i>	<i>British Museum Quarterly</i> . London, England.
<i>BMusBeyruth</i>	<i>Bulletin</i> . Musée National Libanais, Beirut, Lebanon. Paris, France.
<i>BN</i>	<i>Biuletyn Numizmatyczny</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>BNJ</i>	<i>British Numismatic Journal Including the Proceedings of the British Numismatic Society</i> . London, England.
<i>BNN</i>	<i>Banknote News</i> . Formerly <i>Bond and Banknote News</i> . Token Publishing, Ltd., Honiton, Devon.
<i>BNR</i>	<i>Bank Note Reporter</i> . Citra, Florida, U.S.A.
<i>BolArq</i>	<i>Boletín Arqueológico de Tarragona</i> . Sociedad Arqueológica Tarraconensis, Tarragona, Spain.
<i>BolInstNumHistSan Nicolas</i>	<i>Boletín</i> . Instituto de Numismática e Historia de San Nicolas de los Arroyos, Argentina.
<i>BollCircNumNapoletano</i>	<i>Bollettino del Circolo Numismatico Napoletano</i> . Naples, Italy.
<i>Boll d'Info</i>	<i>Bollettino d'informazioni</i> . Scuola Normale Superiore, Pisa, Italy.
<i>BollN</i>	<i>Bollettino Numismatico di Luigi Simonetti</i> . Florence, Italy.
<i>BollNum</i>	<i>Bollettino di Numismatica</i> . Ministero per i Beni Culturali, Istituto Poligrafico e Zecca dello Stato, Rome, Italy.
<i>BolNumBrasil</i>	<i>Boletín de Numismatica</i> . Sociedade Numismatica Brasileira, São Paulo, Brazil.
<i>BolSemEstArteArq</i>	<i>Boletín del Seminario de Estudios de Arte y Arqueología</i> . Valladolid, Spain.
<i>Bonner Jb</i>	<i>Bonner Jahrbücher</i> . Verein von Altertumsfreunden im Rheinlande, Rheinisches Landesmuseum, Bonn, Germany.
<i>Boreas</i>	<i>Boreas Münstersche Beiträge zur Archäologie</i> . Münster, Germany.
<i>BornholmSam</i>	<i>Bornholmske Samlinger</i> . Rønne, Denmark.
<i>BQ</i>	<i>Banknote Quarterly</i> . London, England.
<i>Brabantse Folklore</i>	<i>De Brabantse Folklore</i> . Dienst voor Geschiedkunde en Folkloristische Opzoeken van de Provincie Brabant, Brussels, Belgium.
<i>Braničevo</i>	<i>Braničevo</i> . Narodni Universitet u Požarevac, Požarevac, Yugoslavia.
<i>BRealAcad</i>	<i>Boletín de la Real Academia de Historia</i> . Madrid, Spain.

	și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Caesaraugusta</i>	<i>Caesaraugusta; publicaciones del Seminario de Arqueología y Numismática Aragonensas</i> . Institución "Fernando el Católico," Saragossa, Spain.
<i>CahAnnNorm</i>	<i>Cahiers des Annales de Normandie</i> . Caen, France.
<i>CahArchHistBerry</i>	<i>Cahiers d'Archéologie et d'Histoire du Berry</i> . Bourges, France.
<i>CahArchMidi-Pyr</i>	<i>Cahiers archéologiques de Midi-Pyrénées</i> . Musée Saint-Raymond, Toulouse, France.
<i>CahBourscheid</i>	<i>Les Cahiers de Bourscheid</i> . Les Amis du Château du Bourscheid A.D.B.L., Bourscheid, Grand-Duchy of Luxembourg.
<i>CahCivMed</i>	<i>Cahiers de Civilisation Médiévale</i> . Université de Poitiers, Centre d'Études Supérieures de Civilisation Médiévale, Poitiers, France.
<i>CahHistMond</i>	<i>Cahiers d'Histoire Mondiale. Journal of World History. Cuadernos de Historia Mundial</i> . Commission Internationale pour une Histoire du Développement Scientifique et Culturel de l'Humanité, Neuchatel, Switzerland.
<i>CahN</i>	<i>Cahiers Numismatiques. Bulletin de la Société d'Études Numismatiques et Archéologiques</i> . Paris, France.
<i>CahRené de Lucinge</i>	<i>Cahiers René de Lucinge</i> . Ambérieu, France.
<i>CahTunisie</i>	<i>Cahiers de Tunisie. Revue des Sciences Humaines</i> . Institut des Hautes Études, Tunis, Tunisia.
<i>CalcoinN</i>	<i>Calcoin News</i> . California State Numismatic Association, Colton, California, U.S.A.
<i>Cal-Neva TL</i>	<i>Cal-Neva Token Ledger</i> . Visalia, California, U.S.A.
<i>CAntiqFPL</i>	<i>Coins and Antiquities Ltd. [Fixed Price List]</i> . London, England. Succeeds <i>Crowther FPL</i> .
<i>Carinthia</i>	<i>Carinthia. Mitteilungen des Geschichtsverein für Kärnten</i> . Klagenfurt, Austria.
<i>Carpica</i>	<i>Carpica</i> . Muzeul de Istorie, Bacău, Romania.
<i>Carrell</i>	<i>The Carrell. Journal of the Friends of the University of Miami Library</i> . Coral Gables, Florida, U.S.A.
<i>CartArchGDLux</i>	<i>Carte Archéologique du Grand-Duché de Luxembourg</i> . Rosport, Luxembourg.
<i>Casana</i>	<i>La Casana</i> . Casa di Risparmio di Genova e Imperia, Genoa, Italy.
<i>ČasMoravMuz</i>	<i>Časopis Moravského Muzea</i> . Moravské Muzeum v Brně, Brno, Czechoslovakia.
<i>ČasNárodMuz</i>	<i>Časopis Národního Muzea. Historické Muzeum Roč-</i>

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	<i>ník</i> . The Národní Muzeum, Prague, Czechoslovakia.
<i>ČasSlezskéMuz</i>	<i>Časopis Slezského Muzea</i> . Slezské Muzeum Opava, Opava, Czechoslovakia.
<i>CC</i>	<i>The Currency Collector</i> . World Paper Currency Collectors, Altadena/Pasadena, California, U.S.A.
<i>CCC</i>	<i>Cash Coin Connection</i> . John Kallman, PSC Box 3467, APO San Francisco 96519 (Misawa Air Base, Japan).
<i>CCN</i>	<i>Canadian Coin News</i> . Muskoka Community Newspapers Inc., Bracebridge, Ontario, Canada.
<i>Ceca de Caracas</i>	<i>Ceca de Caracas</i> . Asociación Venezolana de Numismáticos, Caracas, Venezuela.
<i>Celator</i>	<i>The Celator</i> . P.O. Box 123, Lodi, Wisconsin 53555, USA.
<i>CENB</i>	<i>Cercle d'Études Numismatiques. Bulletin</i> . Brussels, Belgium.
<i>CentAsiaJ</i>	<i>Central Asiatic Journal. International Periodical for the Languages, Literature, History and Archaeology of Central Asia</i> . Deutschen Forschungsgemeinschaft, The Hague, Netherlands.
<i>CercetArhBucurești</i>	<i>Cercetări arheologice în București</i> . Muzeul de istorie a municipiului București, Bucharest, Romania.
<i>CercetIst</i>	<i>Cercetări Istorice</i> . Muzeul de Istorie al Moldovei, Iași, Romania.
<i>CercetNum</i>	<i>Cercetări Numismatice</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>ČeskČasHist</i>	<i>Československý Časopis Historický. Ústav Československých a Světových Dějin</i> [Institute of Czechoslovak and World History], Prague, Czechoslovakia.
<i>ČeskýLid</i>	<i>Český Lid</i> . Jedrotný svaz Českých Zemědělců, Prague, Czechoslovakia.
<i>CFM</i>	<i>Club Français de la Médaille</i> . Administration des Monnaies et Médailles, Hôtel de la Monnaie, Paris, France.
<i>Chiron</i>	<i>Chiron</i> . Kommission für Alte Geschichte und Epigraphik des Deutschen Archäologischen Institutes, Munich/Berlin, Germany.
<i>ClassJ</i>	<i>The Classical Journal</i> . Ohio University, Athens, Ohio, U.S.A.

<i>ClassPhil</i>	<i>Classical Philology</i> . University of Chicago, Chicago, Illinois, U.S.A.
<i>ClassW</i>	<i>Classical World</i> . Classical Association of the Atlantic States, Bethlehem, Pennsylvania, U.S.A.
<i>CM</i>	<i>Coins, Incorporating Coins and Medals</i> . Croydon, England.
<i>CM Annual</i>	<i>Coins Annual</i> . Croydon, England.
<i>CMC</i>	<i>Coins, Medals and Currency Weekly</i> . London, England.
<i>CMCD</i>	<i>Coins, Medals and Currency Digest and Monthly Catalogue</i> . London, England.
<i>CMN</i>	<i>Coin and Medal News</i> . (Formerly <i>Coins and Medals [CM]</i> .) London, England.
<i>CMonth</i>	<i>Coin Monthly</i> . Brentwood, England.
<i>CN</i>	<i>Calcoin News. Quarterly Magazine of the California State Numismatic Association</i> . Berkeley, California, U.S.A.
<i>CNL</i>	<i>Colonial Newsletter</i> . Huntsville, Alabama, USA.
<i>CNJ</i>	<i>Canadian Numismatic Journal</i> . Canadian Numismatic Association, Willowdale, Ontario, Canada.
<i>CNQ</i>	<i>Canadian Numismatic Quarterly</i> . Ottawa, Ontario, Canada.
<i>CNS</i>	<i>Corpus Nummorum Saeculorum IX-XI qui in Suecia reperti sunt</i> . Kungl. Vitterhets Historie och Antikvitetsakademien. Stockholm.
<i>Coinage</i>	<i>Coinage</i> . Encino, California, U.S.A.
<i>Coin Hoards</i>	<i>Coin Hoards</i> . Royal Numismatic Society, London, England.
<i>Coin Rev</i>	<i>Coin Review</i> . Bimonthly Bulletin of the Numismatic Society of India, Varanasi, India.
<i>Coins</i>	<i>Coins</i> . Iola, Wisconsin, U.S.A.
<i>CollAmisHist</i>	<i>Collection des Amis de l'Histoire</i> . Association des Amis de l'Histoire, Luxembourg.
<i>CollFr</i>	<i>Le Collectionneur Français</i> . Paris, France.
<i>CommBiblHistMedHungar</i>	<i>Communicationes ex Bibliotheca Historiae Medicae Hungarica</i> . Semmelweis Museum and Library of Medical History, Budapest, Hungary.
<i>Commentationes, Nova Series</i>	<i>Commentationes de Nummis Saeculorum IX-XI in Suecia repertis</i> . Nova Series. Kungl Vitterhets Historie och Antikvitetsakademien,

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	Stockholm—Spink & Son Ltd., London.
<i>CommHistArtMed</i>	<i>Communicationes de Historia Artis Medicinæ</i> . Formerly <i>CommBiblHistMedHungar</i> .
<i>Contrebis</i>	<i>Contrebis</i> . Lancaster Archaeological Society, Lancaster, England.
<i>Cornish Arch</i>	<i>Cornish Archaeology</i> . Cornwall Archaeological Society, Camborne, England.
<i>Cornucopiae</i>	<i>Cornucopiae</i> . The Ancient Coin Society, Toron- to, Canada.
<i>Corse Hist</i>	<i>Corse Historique. Études et Documents</i> . Ajaccio, Corsica.
<i>CPMJ</i>	<i>Canadian Paper Money Journal</i> . Canadian Paper Money Society, Vancouver, Canada.
<i>CR</i>	<i>Classical Review</i> . Classical Association, London, England.
<i>CRAI</i>	<i>Comptes-rendus de l'Académie des Inscriptions et Belles- Lettres</i> . Paris, France.
<i>CreștColecț</i>	<i>Creșterea Colecțiilor. Caiet Selectiv de Informare Bibliotecii Academiei Republicii Socialiste România</i> . Bucharest, Romania.
<i>CreștPatrMuzBul</i>	<i>Creșterea Patrimoniului Muzeal. Buletin</i> . Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.
<i>Crisia</i>	<i>Crisia. Culegere de materiale și studii</i> . Institutul Pedagogic Oradea, Facultatea de Istorie- Geografie, Oradea, Romania.
<i>CrowtherFPL</i>	<i>D. J. Crowther Ltd. [Fixed Price List]</i> . London, England. See also <i>CAntiqFPL</i> .
<i>CSAN</i>	<i>Coin, Stamp and Antique News</i> . Toronto, Canada.
<i>CSC</i>	<i>Coins, Stamps and Collecting. Incorporating Coins, Medals and Currency Weekly</i> . London, England.
<i>CSM</i>	<i>Christian Science Monitor</i> . Boston, Massachusetts, U.S.A.
<i>CT</i>	<i>The Canadian Token</i> . Canadian Association of Token Collectors, Hamilton, Ontario, Canada.
<i>CuadNum</i>	<i>Cuadernos de Numismática</i> . Madrid, Spain.
<i>CuadPArqCast</i>	<i>Cuadernos de Prehistoria y Arqueología Castellonense</i> . Disputacion Provincial de Castellon de la Plana, Departamento de Arqueología, Castelon de la Plana, Spain.
<i>Cuenca</i>	<i>Cuenca</i> . Museum of Cuenca, Diputacion Pro- vincial de Cuenca, Cuenca, Spain.
<i>CulStudCercBrașov</i>	<i>Culegere de Studii și Cercetări</i> . Muzeul Regional, Brașov, Romania.
<i>Cumania</i>	<i>Cumania</i> . Acta Museorum ex Comitatu Bács- Kiskun. Kecskémet, Hungary.

<i>Cumidava</i>	<i>Cumidava. Culegere de Studii și Cercetări.</i> Muzeul Județean, Brașov, Romania.
<i>Cunobelin</i>	<i>Cunobelin. Yearbook of the British Association of Numismatic Societies.</i> Leeds, England.
<i>CurrSci</i>	<i>Current Science.</i> Current Science Association, Raman Research Institute, Bangalore, India.
<i>CW</i>	<i>Coin World.</i> Sidney, Ohio, U.S.A.
<i>CWTJ</i>	<i>Civil War Token Journal.</i> Civil War Token Society, U.S.A.
<i>Dacia</i>	<i>Dacia. Revue d'Archéologie et d'Histoire Ancienne.</i> Académie des Sciences Sociales et Politiques de la République Socialiste de Roumanie, Institut d'Archéologie, Bucharest, Romania.
<i>Dal'niĭ Vostok</i>	<i>Dal'niĭ Vostok.</i> [Union of Authors of the RSFSR and Khabarovsk Authors Organization]. Khabarovsk, U.S.S.R.
<i>Danubius</i>	<i>Danubius.</i> Muzeul de Istorie, Galați, Romania.
<i>DekIskusstvo</i>	<i>Dekarativnoe Iskusstvo.</i> Soĭuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Derbyshire ArchJ</i>	<i>Derbyshire Archaeological Journal.</i> Derbyshire Archaeological and Natural History Society, London, England.
<i>Déri MúzÉv</i>	<i>Déri Múzeum Évkönyve.</i> Debrecen, Hungary.
<i>Deutsche AkadWissen Berlin Schr</i>	<i>Deutsche Akademie der Wissenschaften zu Berlin, Schriften der Sektion für Vor- und Frühgeschichte.</i> Berlin, Germany.
<i>DialHistAnc</i>	<i>Dialogues d'Histoire Ancienne.</i> Université Besançon, Besançon, France.
<i>DirAthIslam</i>	<i>Dirāsāt Athāriyya Islāmiyya.</i> Islamic Archeological Studies. Museums Service of the Egyptian Organization of Antiquities, Cairo, Egypt.
<i>DiscExcavScot</i>	<i>Discovery and Excavation, Scotland.</i> Council for British Archaeology, Scottish Regional Group, Dundee, Scotland.
<i>DocRapports</i>	<i>Documents et rapports de la Société royale d'Archéologie et de Paléontologie de Charleroi.</i> Société royale d'Archéologie et de Paléontologie de Charleroi, Charleroi, Belgium.
<i>Dorset NaturHistArchSoc</i>	<i>Dorset Natural History and Archaeological Society Newsletter.</i> Dorchester, England.
<i>Dresdner Kunstbl</i>	<i>Dresdner Kunstblätter. Monatsschrift der Staatlichen Kunstsammlungen Dresden.</i> Dresden, Germany.
<i>Drobeta</i>	<i>Drobeta.</i> Muzeul Regiunii Portilor de Fier, Drobeta-Turnu-Severin, Romania.

<i>DTCM</i>	<i>Danish Tøken Club Medlemsblad.</i> Copenhagen, Denmark.
<i>Dülmener Hb</i>	<i>Dülmener Heimatblätter.</i> Heimatverein, Dülmen, Germany.
<i>Duinen</i>	<i>De Duinen. Bulletin du Centre Scientifique et Culturel de l'Abbaye des Dunes et du Westhoek.</i> Koksijde, Belgium.
<i>Dumbarton OP</i>	<i>Dumbarton Oaks Papers.</i> Dumbarton Oaks Research Library, Washington, D. C., U.S.A.
<i>Dzeglīs Megobari</i>	<i>Dzeglīs Megobari.</i> Gruzinskoe Obshchestvo okhrany Pamiatnikov Kul'tury, Tiflis, U.S.S.R.
<i>EAJ</i>	<i>East Asia Journal.</i> Ft. Wayne, Indiana, U.S.A.
<i>ÉchangUniv</i>	<i>L'Échangiste Universel. Revue mensuelle des collectionneurs de timbres et des numismates.</i> Le Havre, France.
<i>EconHistRev</i>	<i>Economic History Review.</i> Economic History Society, London, England.
<i>EcStor</i>	<i>Economia e Storia; rivista italiana di storia economica e sociale.</i> Milan, Italy.
<i>ÉgriMúzEv</i>	<i>Az Égri Múzeum Evkönyve.</i> Eger, Hungary.
<i>Eire</i>	<i>Eire-Ireland. A Journal of Irish Studies.</i> Irish American Cultural Institute, St. Paul, Minnesota, U.S.A.
<i>Ējmiacin</i>	<i>Ējmiacin, Paštōnakan amsagir Hayrapetakan At'oroy S. Ējmiacin.</i> Etchmiadzin, U.S.S.R.
<i>ElevKosmos</i>	<i>Eleutherōs Kosmos.</i> Athens, Greece.
<i>Ellwanger Jb</i>	<i>Ellwanger Jahrbuch. Ein Volksbuch für Heimatpflege in Virngau und Ries.</i> Geschichts- und Altertumsverein, Ellwangen, Germany.
<i>EmderJb</i>	<i>Emder Jahrbuch.</i> Gesellschaft für bildende Kunst und Vaterländische Altertümer, Emden, Germany.
<i>Emilia Preromana</i>	<i>Emilia Preromana.</i> Museo Civico, Bologna, Italy.
<i>EN</i>	<i>European Numismatics.</i> Amsterdam, Netherlands.
<i>EpigIndica</i>	<i>Epigraphica Indica.</i> Archaeological Survey of India, Calcutta, India.
<i>EpigrVostok</i>	<i>Epigrafika Vostoka. Sbornik Statei.</i> Akademiia Nauk SSSR, Institut Istorii Material'noi Kul'tury, Moscow, U.S.S.R.
<i>EPJ</i>	<i>Essay-Proof Journal. Official Journal of the Essay-Proof Society.</i> Jefferson, Wisconsin, U.S.A.
<i>Érem</i>	<i>Érem.</i> Association of Hungarian Coin Collectors, Budapest, Hungary.

<i>Eretz Israel</i>	<i>Eretz Israel</i> . Israel Exploration Society, Jerusalem, Israel.
<i>Essex ArchHist</i>	<i>Essex Archaeology and History</i> . Colchester, England. Formerly <i>TransEssex ArchSoc</i> .
<i>EstudExtremeños</i>	<i>Estudios Extremeños</i> ; revista histórica, literaria y artística. Servicios Culturales de la Excelentísima Disputación Provincial, Badajoz, Paraguay.
<i>EstudHistArqMed</i>	<i>Estudios de Historia y Arqueología Medievales</i> . Cadiz, Spain.
<i>ÉtBalkan</i>	<i>Études Balkaniques</i> . Académie Bulgare des Sciences, Institut d'Études Balkaniques, Sofia, Bulgaria.
<i>ÉtClass</i>	<i>Les Études classiques</i> . Société des Etudes Classiques, Namur, Belgium.
<i>Ethiopia Observer</i>	<i>Ethiopia Observer</i> . Addis Ababa, Ethiopia.
<i>Etnografia Polska</i>	<i>Etnografia Polska</i> . Instytut Historii Kultury Materialnej, Polska Akademia Nauk, Wrocław (Breslau), Poland.
<i>EW</i>	<i>East and West</i> . Istituto Italiano per il Medio ed Estremo Oriente, Rome, Italy.
<i>Expedition</i>	<i>Expedition. Bulletin of the University Museum of the University of Pennsylvania</i> . Philadelphia, Pennsylvania, U.S.A.
<i>Ezhegodnik GIM</i>	<i>Ezhegodnik Gosudarstvennyi istoricheskii Muzei</i> . Moscow, U.S.S.R.
<i>FA</i>	<i>Fasti Archeologici</i> . International Association for Classical Archaeology, Florence, Italy.
<i>Falbygden</i>	<i>Falbygden</i> . Falbygdens Hembygds-oc Forminner Förening, Falköping, Sweden.
<i>Fare Box</i>	<i>The Fare Box</i> . American Vecturist Association, Boston, Massachusetts, U.S.A.
<i>Fataburen</i>	<i>Fataburen; Nordiska Museets och Skansens Årsbok</i> . Stockholm, Sweden.
<i>FB</i>	<i>Forschungen und Berichte</i> . Staatliche Museen zu Berlin, Berlin, Germany.
<i>FEJ</i>	<i>Far East Journal</i> . Tokyo, Japan.
<i>FennArch</i>	<i>Fennoscandia archaeologica</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Filателиа SSSR</i>	<i>Filателиа SSSR</i> . Moscow, U.S.S.R.
<i>Fillst</i>	<i>File de Istorie. Culegere de Studii, Articole și Comunicări</i> . Muzeul de Istorie Bistrița, Bistrița, Romania.
<i>FinsktMus</i>	<i>Finskt Museum</i> . Archaeological Society of Finland, Helsinki, Finland.

<i>Folia Arch</i>	<i>Folia Archeologica. Magyar Nemzeti Múzeum Történeti Múzeumának Évkönyve.</i> Budapest, Hungary.
<i>Folia Orient</i>	<i>Folia Orientalia.</i> Polska Akademia Nauk, Oddział w Krakowie, Kraków, Poland.
<i>Folk</i>	<i>Folk; Dansk etnografisk tidsskrift.</i> Dansk Etnografisk Forening, Copenhagen, Denmark.
<i>Forint</i>	<i>Forint.</i> Hungarian National Bank Laborers, Budapest, Hungary.
<i>Fornvännen</i>	<i>Fornvännen. Tidskrift för Svensk Antikvarisk Forskning.</i> The Royal Academy of Letters, History and Antiquities in collaboration with the Swedish Archaeological Association, Stockholm, Sweden.
<i>ForsBerStaatMusBerlin</i>	<i>Forschungen und Berichte Staatliche Museen zu Berlin.</i> Berlin, Germany.
<i>ForschVolksLand</i>	<i>Forschungen zur Volks- und Landeskunde.</i> Academia Republicii Socialiste România, Sektion für Gesellschaftswissenschaften, Sibiu, Romania.
<i>Fortid og Nutid</i>	<i>Fortid og Nutid. Tidsskrift for Kulturhistorie og Lokalhistorie.</i> Dansk Historisk Fællesforening, Copenhagen, Denmark.
<i>FRA</i>	<i>Fra Randers Amt.</i> Historical Association of the County of Randers, Randers, Denmark.
<i>Fra Als og Sundeved</i>	<i>Fra Als og Sundeved.</i> Historisk Samfund fra Als og Sundeved, Sønderborg, Denmark.
<i>FulN</i>	<i>Fulbright Newsletter.</i> United States Educational Foundation in India, New Delhi, India.
<i>FundberHessen</i>	<i>Fundberichte aus Hessen.</i> Amt für Bodendenkmalpflege, Darmstadt, Germany.
<i>FundberÖsterreich</i>	<i>Fundberichte aus Österreich.</i> Bundesdenkmalamt, Vienna, Austria.
<i>FundberSchwaben</i>	<i>Fundberichte aus Schwaben.</i> Gesellschaft für Vor- und Frühgeschichte in Württemberg und Hohenzollern, Stuttgart, Germany.
<i>GacNum</i>	<i>Gaceta Numismática.</i> Asociación Numismática Española, Barcelona, Spain.
<i>Gallia</i>	<i>De Gallia.</i> Cercle Archéologique de Gosselies, Visé, Belgium.
<i>GazChimItal</i>	<i>Gazzetta Chimica Italiana.</i> Società Chimica Italiana, Rome, Italy.
<i>GazNum</i>	<i>Il Gazzettino Numismatica.</i> Santa Severina, Italy.
<i>Genava</i>	<i>Genava.</i> Geneva, Switzerland.
<i>GeographJ</i>	<i>Geographical Journal.</i> Royal Geographical Society of London, England.

<i>Germania</i>	<i>Germania</i> . Archäologisches Institut des Deutschen Reichs, Frankfurt-am-Main, Germany.
<i>GettyMusJ</i>	<i>J. Paul Getty Museum Journal</i> . J. Paul Getty Museum, Malibu, CA, USA.
<i>Giesserei</i>	<i>Giesserei. Zeitschrift für das Gesamte Giessereiwesen</i> . Deutschen Giesserei-Vereinigungen, Düsseldorf, Germany.
<i>Gitut'yun Texnika</i>	<i>Gitut'yun ew Texnika</i> . Erevan, U.S.S.R.
<i>Gladius</i>	<i>Gladius. Études sur les armes anciennes, l'armement, l'art militaire et la vie culturelle en Orient et Occident</i> . Instituto de Estudios sobre Armas Antiguas, Consejo Superior de Investigaciones Científicas, Jaraiz de la Vera, Spain.
<i>Glasgow ArchJ</i>	<i>Glasgow Archaeological Journal</i> . Glasgow Archaeological Society, Glasgow, Scotland.
<i>GN</i>	<i>Geldgeschichtliche Nachrichten</i> . Gesellschaft für Internationale Geldgeschichte, Frankfurt-am-Main, Germany.
<i>Gnomon</i>	<i>Gnomon. Kritische Zeitschrift für die Gesamte Klassische Altertumswissenschaft</i> . Munich, Germany.
<i>Gobrecht J</i>	<i>The Gobrecht Journal</i> . Albertson, New York, U.S.A.
<i>Godišnjak Pomorskog MuzKotoru</i>	<i>Godišnjak Pomorskog Muzeja u Kotoru</i> [Yearbook of the Maritime Museum in Kotor]. Kotor, Yugoslavia.
<i>Gotländskt Arkiv</i>	<i>Gotländskt Arkiv</i> . Föreningen Gotlands Fornvänner, Visby, Sweden.
<i>GP</i>	<i>Geuzenpenning Munt- en Penningkundig Nieuws</i> . Driemaandelijkse Uitgave van het Koninklijk Nederlands Genootschap voor Munt- en Penningkunde en van de Vereniging voor Penningkunst, Amsterdam, Netherlands.
<i>GPVJ</i>	<i>Gesellschaft Pro Vindonissa. Jahresbericht</i> . Vindonissa-Museum, Brugg, Switzerland.
<i>GRBS</i>	<i>Greek, Roman and Byzantine Studies</i> . Duke University, Durham, North Carolina, U.S.A.
<i>Hadashot Arch</i>	<i>Hadashot Archaeologioth</i> [Archaeological Newsletter]. Department of Antiquities, Jerusalem, Israel.

<i>Hajó-Daru</i>	<i>Hajó-Daru</i> [Ship and Crane]. <i>A Magyar Hajó-és Darugyár Dolgozóinak Lapja</i> [Newspaper of the Hungarian Shipyard and Crane Factory Laborers]. Budapest, Hungary.
<i>Haller Mb</i>	<i>Haller Münzblätter</i> . Tiroler Numismatischen Gesellschaft, Hall, Austria.
<i>HandelOudheidkunde Mechelen</i>	<i>Handelingen</i> . Koninklijke Kring voor Oudheidkunde, Letteren en Kunst van Mechelen, Malines, Belgium.
<i>Handes Amsorya</i>	<i>Handes Amsorya</i> ; <i>Monatsschrift für Armenische Philologie</i> . Mechitarist Congregation, Vienna, Austria.
<i>HaygazHayagHandes</i>	<i>Haygazean Hayagitagan Handes</i> . Haigazian College, Armenological Department, Beirut, Lebanon.
<i>Hayrenik'i Jayn</i>	<i>Hayrenik'i Jayn</i> [Voice of the Fatherland]. [Committee for Cultural Relations with Armenians in the Diaspora], Erevan, U.S.S.R.
<i>HBN</i>	<i>Hamburger Beiträge zur Numismatik</i> . Verein der Münzenfreunde, Hamburg, Germany.
<i>Helinium</i>	<i>Helinium</i> . <i>Revue consacrée à l'Archéologie des Pays-Bas, de la Belgique et du Grand Duché de Luxembourg</i> . Wetteren, Belgium.
<i>HelvetArch</i>	<i>Helvetia Archaeologica</i> . Schweizerische Gesellschaft für Ur- und Frühgeschichte, Basel, Switzerland.
<i>Hémecht</i>	<i>Hémecht</i> . <i>Zeitschrift für Luxemburger Geschichte</i> . Luxembourg.
<i>Herold</i>	<i>Der Herold</i> . <i>Vierteljahrsschrift für Heraldik, Genealogie und Verwandte Wissenschaften</i> . Verein für Heraldik, Genealogie und verwandte Wissenschaften, Berlin, Germany.
<i>Hertfordshire Arch Hesperia</i>	<i>Hertfordshire Archaeology</i> . Hertford, England. <i>Hesperia</i> . <i>Journal of the American School of Classical Studies at Athens</i> . Princeton, New Jersey, U.S.A.
<i>Hespérís Tamuda</i>	<i>Hespérís Tamuda</i> . Centre Universitaire de la Recherche Scientifique, Faculté des Lettres, Rabat, Morocco.
<i>Hessen</i>	<i>Hessen</i> . Hessisches Landesamt für Denkmalpflege, Abt. Vor- und Frühgeschichte, Wiesbaden, Germany.

<i>HessJbLandesgesch</i>	<i>Hessisches Jahrbuch für Landesgeschichte</i> . Arbeitsgemeinschaft der Historischen Kommissionen in Darmstadt, Frankfurt, Marburg und Wiesbaden, Marburg, Germany.
<i>hikuin</i>	<i>hikuin</i> . Moesgård, Denmark.
<i>HispAmerHistRev</i>	<i>Hispanic American Historical Review</i> . Duke University, Durham, North Carolina, U.S.A.
<i>HistJbGraz</i>	<i>Historisches Jahrbuch der Stadt Graz</i> . Graz Johanneum, Stadtmuseum, Graz, Austria.
<i>HistJSam</i>	<i>Historie. Jyske Samlinger</i> . Jysk Selskab for Historie, Aarhus, Denmark.
<i>HistJUBirmingham</i>	<i>Historical Journal</i> . University of Birmingham, Birmingham, England.
<i>Historia</i>	<i>Historia</i> . Franz Steiner Verlag GmbH, Wiesbaden, Germany.
<i>Historica</i>	<i>Historica</i> . Craiova, Romania.
<i>HistTidskr</i>	<i>Historisk Tidskrift</i> . Danske Historiske Forening, Copenhagen, Denmark.
<i>HistTidskrFin</i>	<i>Historisk Tidskrift för Finland</i> . Historiska foreningen, Helsinki, Finland.
<i>HistToday</i>	<i>History Today</i> . London, England.
<i>HjKreis Hofgeismar</i>	<i>Heimatjahrbuch für den Kreis Hofgeismar</i> . Hofgeismar, Germany.
<i>HKZM</i>	<i>Handelingen der Koninklijke Zuidnederlandse Maatschappij voor Taalen Letterkunde en Geschiedenis</i> . Netherlands.
<i>HMZ</i>	<i>Helvetische Münzen-Zeitung</i> . Hilterfingen, Switzerland.
<i>Hogaku Kenkyu</i>	<i>Hogaku Kenkyu</i> [Journal of Law, Politics and Society]. Hogaku-Kenkyu-Kai [Association for the Study of Law and Politics], Keio University, Faculty of Law, Tokyo, Japan.
<i>HstKreise Olpe</i>	<i>Heimatstimmen aus dem Kreise Olpe</i> . Olpe, Germany.
<i>IAI</i>	<i>Izvestiia na Arkheologicheskiia Institut (Bulletin de l'Institut d'Archéologie)</i> . Sofia, Bulgaria.
<i>Ialomîța</i>	<i>Ialomîța</i> . Comitetul de Cultură și Educație Socialistă al Județului Ialomîța, Slobozia, Romania.
<i>IBNS</i>	<i>International Bank Note Society. Journal</i> . Auburndale, Florida. Formerly <i>International Bank Note Society. Quarterly Magazine</i> . Dovercourt, England.

<i>IEJ</i>	<i>Israel Exploration Journal</i> . Israel Exploration Society; Department of Archaeology, Hebrew University; Department of Antiquities, Ministry of Education and Culture, Jerusalem, Israel.
<i>IFEN</i>	<i>International Far-Eastern Numismatics News</i> . Ivan Florine, PO Box 75, B-1630 Linkebeek, Belgium.
<i>IstKul'tNarodUzbek</i>	<i>Iz Istorii Kul'tury Narodov Uzbekistana</i> . Akademiia Nauk Uzbekskoi SSR, Institut Istorii i Arkheologii, Tashkent, U.S.S.R.
<i>ILN</i>	<i>Illustrated London News</i> . London, England.
<i>Image Roche</i>	<i>Image Roche</i> . Basel, Switzerland.
<i>IMJ</i>	<i>Israel Museum Journal</i> . Jerusalem, Israel.
<i>IN</i>	<i>Italia Numismatica</i> . Mantua, Italy.
<i>INC</i>	<i>Indian Numismatic Chronicle</i> . Bihar Research Society, Patna, India.
<i>Indian Ant</i>	<i>Indian Antiquary. A Journal of Oriental Research in Archaeology, Epigraphy, Ethnology, Geography, History, Folklore, Languages, Literature, Numismatics, Philosophy and Religion</i> . Bombay, India.
<i>Indian EconSocHistRev</i>	<i>Indian Economic and Social History Review</i> . Delhi, India.
<i>Indian HistQ</i>	<i>Indian Historical Quarterly</i> . Calcutta, India.
<i>Indian MusBull</i>	<i>Indian Museum Bulletin</i> . Indian Museum, Calcutta, India.
<i>InfNum</i>	<i>L'Information Numismatique</i> . Société Numismatique de Paris et sa Région, Villiers-sur-Marne, France.
<i>INJ</i>	<i>Israel Numismatic Journal</i> . Israel Numismatic Society, Tel Aviv, Israel.
<i>Iparművészeti Múzeum</i>	<i>Iparművészeti Múzeum Évkönyve</i> . Magyar Nemzeti Múzeum, Iparművészeti Múzeum, Budapest, Hungary.
<i>Iran</i>	<i>Iran. Journal of the British Institute of Persian Studies</i> . London, England.
<i>Iranica Ant</i>	<i>Iranica Antiqua</i> . Leiden, Netherlands.
<i>Irish Num</i>	<i>Irish Numismatics</i> . Dublin, Ireland.
<i>Iskusstvo</i>	<i>Iskusstvo</i> . Ministerstvo Kul'tury SSSR, So'uz Khudozhnikov SSSR/Akademiia Khudozhestva SSSR, Moscow, U.S.S.R.

<i>Islah</i>	<i>Islah</i> [Reform]. Kabul, Afghanistan.
<i>Islam</i>	<i>Der Islam. Zeitschrift für Geschichte und Kultur des Islamischen Orients.</i> Berlin, Germany.
<i>Istanbul ArkMüz Yilligi</i>	<i>Istanbul Arkeologi Müzeleri Yilligi</i> [Annual of the Archaeological Museum of Istanbul]. Turkey.
<i>IstArkEtnoSredAzii</i>	<i>Istoriia Arkheologiia i Etnografiia Srednei Azii.</i> Akademiia Nauk SSSR, Institut Etnografii, Moscow, U.S.S.R.
<i>IstDzereta Vykorystannja</i>	<i>Istorycni Dzereta ta ich Vykorystannja.</i> Instytut Istorii, Akademiia Nauk URSR, Kiev, U.S.S.R.
<i>IstFilZhurANArmian</i>	<i>Istoriko-Filologicheskii Zhurnal.</i> Akademiia Nauk Armianskoj SSSR, Erevan, U.S.S.R.
<i>IstMatKul'tUzbek</i>	<i>Istoriia Materialnoi Kul'tury Uzbekistana.</i> Akademiia Nauk Uzbekskoj SSR, Institut Istorii i Arkheologii, Tashkent, U.S.S.R.
<i>Istoriia SSSR</i>	<i>Istoriia SSSR.</i> Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>Istros</i>	<i>Istros. Buletinul Muzeului Brăilei.</i> Braila, Romania.
<i>Iura</i>	<i>Iura.</i> Jovene, Naples, Italy.
<i>IzBalgMuz</i>	<i>Izvestiia na Balgarskite Muzei.</i> Komitet za Izkustvo i Kultura, Sofia, Bulgaria.
<i>IzBID</i>	<i>Izvestiia na B'lgarskoto Istoricheskoto Druĝestvo</i> [Bulletin de la Société Historique Bulgare]. Sofia, Bulgaria.
<i>IzMuzVeliko Trnovo</i>	<i>Izvestiia na Muzeia.</i> Trnovo, Bulgaria.
<i>IzNarodMuzRoussé</i>	<i>Izvestiia na Narodniia Muzei.</i> Roussé, Bulgaria.
<i>IzNarodMuzŠumen</i>	<i>Izvestiia.</i> Narodni Muzeia Šumen, Bulgaria.
<i>IzNarodMuzVarna</i>	<i>Izvestiia na Narodniia Muzei.</i> Varna, Bulgaria.
<i>IzvOtdelObshchestNaukAN Tadz</i>	<i>Izvestiia Otdeleniia Obshchestvennykh Nauk.</i> Akademiia Nauk, Tadzhikskoj SSR, Stalinabad, U.S.S.R.
<i>JAfrican Hist</i>	<i>Journal of African History.</i> Cambridge, England.
<i>JAGW</i>	<i>Jahrbuch Arbeitskreis Geldscheine Wertpapiere.</i> Berlin, Germany.
<i>Ĵahakir</i>	<i>Ĵahakir.</i> [Journal of the Students of N. Pálančean College]. Beirut, Lebanon.
<i>JAIH</i>	<i>Journal of Ancient Indian History.</i> University of Calcutta, Department of Ancient Indian History and Culture, Calcutta, India.

<i>JAINS</i>	<i>Journal of Academy of Indian Numismatics and Sigillography.</i> Indore, India.
<i>Janaser</i>	<i>Janaser.</i> [Armenian Evangelical Union]. Beirut, Lebanon.
<i>JAndhraHistResSoc</i>	<i>Journal of the Andhra Historical Research Society.</i> Rajahmundry, India.
<i>JAOS</i>	<i>Journal of the American Oriental Society.</i> Baltimore, Maryland, U.S.A.
<i>JARCE</i>	<i>Journal of the American Research Center in Egypt.</i> American Research Center, Cairo, Egypt.
<i>JAS(Bengal)</i>	<i>See JAS(Calcutta).</i>
<i>JAS(Calcutta)</i>	<i>Journal of the Asiatic Society.</i> Calcutta, India.
<i>JAsianHist</i>	<i>Journal of Asian History.</i> Wiesbaden, Germany.
<i>JBAA</i>	<i>Journal of the British Archaeological Association.</i> Department of British and Mediaeval Antiquities, British Museum, London, England.
<i>JBBernHistMus</i>	<i>Jahrbuch des Bernischen Historischen Museums.</i> Bern, Switzerland.
<i>JbBischöfGymnasKollegPetri num</i>	<i>Jahresbericht des Bischöflichen Gymnasiums und Diözesanseminars am Kollegium Petrinum in Urfar.</i> Linz, Austria.
<i>JbCoburgLandesst</i>	<i>Jahrbuch der Coburger Landesstiftung.</i> Coburg, W. Germany.
<i>JbKMusSchonKunstAntwerp</i>	<i>Jaarboek van het Koninklijk Museum voor Schone Kunsten Antwerpen.</i> Antwerp, Belgium.
<i>JbKunsthistSammlWien</i>	<i>Jahrbuch der Kunsthistorischen Sammlungen.</i> Vienna, Austria.
<i>JbOldenburger Münsterland</i>	<i>Jahrbuch für das Oldenburger Münsterland.</i> Germany.
<i>JbRechnungHistMus Basel</i>	<i>Jahresberichte und Rechnungen.</i> Historisches Museum, Basel, Switzerland.
<i>JBS</i>	<i>Journal of Baltic Studies.</i> Association for the Advancement of Baltic Studies, Brooklyn, New York, U.S.A.
<i>JbSchweizGesUrFrühgesch</i>	<i>Jahrbuch der Schweizerischen Gesellschaft für Ur- und Frühgeschichte.</i> Zurich, Switzerland.
<i>JbStKunstsammlDresden</i>	<i>Jahrbuch der Staatlichen Kunstsammlungen Dresden.</i> Dresden, Germany.
<i>JCCCN</i>	<i>Japanese Cash Collector's Club Newsletter.</i>
<i>JChesterArchSoc</i>	<i>Journal of the Chester Archaeological Society.</i> Architectural, Archaeological and Historic Society for the County and the City of Chester and North Wales, Chester, England.
<i>JdAI</i>	<i>Jahrbuch des Deutschen Archäologischen Instituts.</i> Berlin, Germany.

<i>JRAS(Bombay)</i>	<i>Journal of the Bombay Branch of the Royal Asiatic Society.</i> Bombay, India.
<i>JRNS</i>	<i>Journal of the Russian Numismatic Society.</i> Alexandria, Virginia, U.S.A.
<i>JRossicaSoc</i>	<i>Journal of the Rossica Society of Russian Philately.</i> New York, New York, U.S.A.
<i>JRS</i>	<i>Journal of Roman Studies.</i> Society for the Promotion of Roman Studies, London, England.
<i>JRSAI</i>	<i>Journal of the Royal Society of Antiquaries of Ireland.</i> Dublin, Ireland.
<i>JSav</i>	<i>Journal des Savants.</i> Académie des Inscriptions et Belles-Lettres, Paris, France.
<i>JTS</i>	<i>Journal of Turkish Studies.</i> Harvard University, Cambridge, MA, USA.
<i>Kadmos</i>	<i>Kadmos. Zeitschrift für Vor- und Frühgriechische Epigraphik.</i> Berlin, Germany.
<i>Karthago</i>	<i>Karthago. Revue d'archéologie africaine.</i> Institut d'art et d'archéologie, Paris, France.
<i>Khudozhnik</i>	<i>Khudozhnik. Soïuz Khudozhnikov RSFSR,</i> Moscow, U.S.S.R.
<i>Klio</i>	<i>Klio. Beiträge zur alten Geschichte.</i> Deutsche Akademie der Wissenschaften zu Berlin, Institut für griechisch-römische Altertumskunde, Berlin, Germany.
<i>Köln</i>	<i>Köln. Vierteljahrschrift für Freunde der Stadt.</i> Cologne, Germany.
<i>KölnJbVorFrühGesch</i>	<i>Kölner Jahrbuch für Vor- und Frühgeschichte.</i> Römisch-Germanischen Museum, Cologne; Archäologische Gesellschaft zu Berlin, Berlin, Germany.
<i>KollAzerb</i>	<i>Kollektsoner Azerbaïdzhana</i> [Azerbaijan Collector]. Azerbaïdzhanskoe otdelenie Vsesoïuznogo obshchestva filatelistov [Azerbaijan Department of the U.S.S.R. Society of Philatelists], Baku, U.S.S.R.
<i>Komárom MegMusKöz</i>	<i>Komárom Megyei Muzeumok Közleménie.</i> Tata, Hungary.
<i>KomMazurWarmin</i>	<i>Komunikaty Mazursko-Warminskie.</i> Stacja Naukowa Polskiego Towarzystwa Historycznego (Instytut Mazurski), Olsztyn, Poland.
<i>KosZesMuz</i>	<i>Koszalińskie Zeszyty Muzealne.</i> Museum Okręgiowe w Koszalinie, Koszalin, Poland.
<i>KratSoobInstArkAN SSSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk SSSR.</i> Moscow, U.S.S.R.
<i>KratSoobInstArkAN USSR</i>	<i>Kratkie Soobshcheniia Instituta Arkheologii Akademii Nauk USSR.</i> Kiev, U.S.S.R.

PERIODICAL ABBREVIATIONS

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<i>JEGMP</i>	<i>Jaarboek van het Europees Genootschap boor Munten Penningkunde.</i> Brussels, Belgium.
<i>JEListeFPL</i>	<i>Jean Elsen Liste [Fixed Price List].</i> Brussels, Belgium.
<i>JESHO</i>	<i>Journal of the Economic and Social History of the Orient.</i> Leiden, Netherlands.
<i>JEthiopStud</i>	<i>Journal of Ethiopian Studies.</i> Haile Selassie I University, Institute of Ethiopian Studies, Addis Ababa, Ethiopia.
<i>JHS</i>	<i>Journal of Hellenic Studies.</i> Society for the Promotion of Hellenic Studies, London, England.
<i>JIAN</i>	<i>Journal International d'Archéologie Numismatique.</i> Athens, Greece.
<i>JIN</i>	<i>Journal of Israel Numismatics. The Independent Publication for the Collector.</i> International Israel Numismatic Society, New York, New York, U.S.A.
<i>JIndian Hist</i>	<i>Journal of Indian History.</i> University of Kerala, Trivandrum, India.
<i>JIntNum</i>	<i>Journal of International Numismatics.</i> Organization of International Numismatists, Bellaire, Texas, U.S.A.
<i>JModAfrStud</i>	<i>Journal of Modern Africa Studies.</i> London, England.
<i>JMünzGeldThüringens</i>	<i>Jahrbuch des Arbeitskreises Münz und Geldgeschichte Thüringens.</i> Gera, Germany.
<i>JMV</i>	<i>Jahresschrift für Mitteldeutsche Vorgeschichte.</i> Halle an der Saale, Germany.
<i>JNAAus</i>	<i>Journal of the Numismatic Association of Australia.</i> Melbourne, Victoria, Australia.
<i>JNFA</i>	<i>Journal of Numismatic Fine Arts.</i> Encino, California, U.S.A.
<i>JNG</i>	<i>Jahrbuch für Numismatik und Geldgeschichte.</i> Bayerischen Numismatischen Gesellschaft, Kallmünz über Regensburg, Germany.
<i>JNorthMusArtG</i>	<i>Journal of the Northampton Museum and Art Gallery.</i> Northampton, England.
<i>JNSI</i>	<i>Journal of the Numismatic Society of India.</i> Banaras Hindu University, Varanasi, India.
<i>JNSMP</i>	<i>Journal of the Numismatic Society of Madhya Pradesh.</i> Indore, India.
<i>Jósa András Múzeum</i>	<i>Jósa András Múzeum Évkönyve.</i> Nyíregyháza, Hungary.
<i>JRAS</i>	<i>Journal of the Royal Asiatic Society of Great Britain and Ireland.</i> London, England.

<i>KratSoobInstEtnogr</i>	<i>Kratkie Soobshcheniia</i> . Institut Etnografii, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobInstIstMater Kul't</i>	<i>Kratkie Soobshcheniia</i> . Institut Istorii Material'noi Kul'tury, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobInstNarodAz</i>	<i>Kratkie Soobshcheniia</i> . Institut Narodov Azii, Akademiia Nauk SSSR, Moscow, U.S.S.R.
<i>KratSoobOGAM</i>	<i>Kratkie Soobshcheniia a polevykh arkheologicheskikh issledovaniiax Odesskogo Gosudarstvennogo arkheologicheskogo Muzeia</i> . Odessa, U.S.S.R.
<i>KratSoobOGU i OGAM</i>	See <i>KratSoobOGAM</i> .
<i>Kronobergsboken</i>	<i>Kronobergsboken</i> . Årsbok för Hylten-Cavallius föreningen. Kronobergsläns musei-och hembygdsförbund, Växjö, Sweden.
<i>Kulturen</i>	<i>Kulturen</i> . Årsbok till medlemmerna av kulturhistoriska förening för södra Sverige. Lund, Sweden.
<i>KurtrierJ</i>	<i>Kurtrierisches Jahrbuch</i> . Verein Kurtrierisches Jahrbuch e.V., Trier, Germany.
<i>KwartHistKultMater</i>	<i>Kwartalnik Historii Kultury Materialnej</i> . Polska Akademia Nauk. Instytut Historii Kultury Materialnej, Warsaw, Poland.
<i>Kwart Opolski</i>	<i>Kwartalnik Opolski</i> . Opolskie Towarzystwo Przyjaciół Nauk, Opole, Poland.
<i>Lancia</i>	<i>Lancia</i> . León, Spain.
<i>Latomus</i>	<i>Latomus</i> . <i>Revue d'Etudes Latines</i> . Brussels, Belgium.
<i>L'Avenç</i>	<i>L'Avenç</i> . Barcelona, Spain.
<i>Leiegouuw</i>	<i>Verslagen en Meddelingen van de Leiegouuw</i> . Vereniging voor de Studie van de Lokalbeschiedenis, Taal en Folklore in het Kortrijkse, Courtrai, Belgium.
<i>Leitz-MittWissenTechnik</i>	<i>Leitz-Mitteilungen für Wissenschaft und Technik</i> . Ernst Leitz GMBH, Wetzlar, Germany.
<i>Levéltári Közlem</i>	<i>Levéltári Közleményei</i> . Budapest, Hungary.
<i>LibAnn</i>	<i>Liber Annuus</i> . Studium Biblicum Franciscanum, Jerusalem, Israel.
<i>Libya Ant</i>	<i>Libya Antiqua</i> . République Arabe Libyenne, Department of Antiquities, Tripoli, Libya.
<i>Lietuvos MokAkadDarbai</i>	<i>Lietuvos TSR Mokslų Akademijos Darbai</i> . Vilna, U.S.S.R.
<i>Limburg</i>	<i>Limburg</i> . Federatie der Geschieden Oudheidkundige Kringen van Limburg, Belgium.
<i>Lincolnshire HistArch</i>	<i>Lincolnshire History and Archaeology</i> . Lincoln, England.

<i>Listy Fil</i>	<i>Listy Filologické</i> . Prague, Czechoslovakia.
<i>LNV</i>	<i>Litterae Numismatica Vindobonenses</i> . Eckhel-Club, Vienna, Austria.
<i>Łódzki Num</i>	<i>Łódzki Numizmatyk</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział w Łodzi, Sekcja Numizmatyczna im. Kazimierza Stronczyńskiego, Łódź, Poland.
<i>LrabHasarakakan Gitut'yun</i>	<i>Lraber Hasarakakan Gitut'yuneri</i> . Akademiia Nauk Armianskoï SSR, Erevan, U.S.S.R.
<i>Lüneburger B</i>	<i>Lüneburger Blätter</i> . Lüneburg, Germany.
<i>MAAR</i>	<i>Memoirs of the American Academy in Rome</i> . Rome, Italy.
<i>MadrMitt</i>	<i>Madrider Mitteilungen</i> . Deutsches Archäologisches Institut, Abteilung Madrid, Heidelberg, W. Germany.
<i>Mainichi</i>	<i>Mainichi Daily News</i> . Tokyo, Japan.
<i>Märker</i>	<i>Der Märker</i> . Altena, Germany.
<i>MagIstor</i>	<i>Magazin Istoric</i> . Bucharest, Romania.
<i>Magyar NumTárÉv</i>	<i>A. Magyar Numizmatikai Társulat Évkönyve</i> . Budapest, Hungary.
<i>MainfränkJbGeschKunst</i>	<i>Mainfränkisches Jahrbuch für Geschichte und Kunst</i> . Freunde mainfränkische Kunst und Geschichte, Würzburg, Germany.
<i>Majallat al-aqlam</i>	<i>Majallat al-aqlam</i> . Ministry of Culture and Information, Baghdad, Iraq.
<i>Majallat al-kitāb</i>	<i>Majallat al-kitāb</i> . Jamciyyat al Mu'allijīn wa-l-Kuttāb al-'Irāqiyyīn [Association of Iraqi Editors and Authors], Baghdad, Iraq.
<i>Mariner's Mirror</i>	<i>Mariner's Mirror</i> . Society for Nautical Research, London, England.
<i>Marisia</i>	<i>Marisia. Studii și Materiale. Arheologie, Istorie, Et-nografie</i> . Comitetul de Cultură și Educație Socialistă al Județului Mureș, Muzeul Județean Mureș, Târgu Mureș, Romania.
<i>Marmatia</i>	<i>Marmatia</i> . Muzeul Județean Maramureș, Baia Mare, Romania.
<i>al-Maskūkāt</i>	<i>al-Maskūkāt</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>MASP</i>	<i>Materialy po Arkheologii Severnogo Prichernomor'ia</i> . Odesskiĭ Gosudarstvennyiĭ Arkheologicheskii Muzeĭa, Odessa, U.S.S.R.
<i>Materiale</i>	<i>Materiale și Cercetări Arheologice</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.

<i>Materiały Arch</i>	<i>Materiały Archeologiczne</i> . Muzeum Archeologiczne, Kraków, Poland.
<i>MatIstMuzBucurești</i>	<i>Materiale de Istorie și Muzeografie</i> . Muzeul de Istorie a Orasului București, Bucharest, Romania.
<i>MatKul't Tadjh</i>	<i>Material'naia Kul'tura Tadjhikistana</i> . Akademiâ Nauk Tadjhikskoi SSR, Institut Istории, Dushanbe, U.S.S.R.
<i>Matsne</i>	<i>Matsne [Vestnik]</i> Akademiâ Nauk Gruzinskoi SSR, Otdelenie Obshchestvennykh Nauk, Tiflis, U.S.S.R.
<i>MatTurc</i>	<i>Materialia Turcica</i> . Studienverlag Dr. N. Brockmeyer, Bochum, Germany.
<i>MatZachodnio-Pomorskie</i>	<i>Materiały Zachodnio-Pomorskie</i> . Muzeum Pomorza Zachodniego, Szczecin, Poland.
<i>MBAS(Calcutta)</i>	<i>Monthly Bulletin of the Asiatic Society</i> . Calcutta, India.
<i>MC</i>	<i>Medal Collector</i> . Official Publication of the Orders and Medals Society of America. Fort Montgomery, New York, U.S.A.
<i>MDAI(A)</i>	<i>Mitteilungen des Deutschen Archäologischen Instituts, Athenische Abteilung</i> . Berlin, Germany.
<i>MDAI(M)</i>	See <i>MadrMitt</i> .
<i>Medaglia</i>	<i>Medaglia</i> . Milan, Italy.
<i>Medaillen-Plaketten</i>	<i>Medaillen-Plaketten</i> . Zeitschrift für die Freunde schöner Medaillen, Plaketten und Kleinkunst. Gestern-Heute-Morgen. Gesellschaft der Deutschen Medaillenfreunde/Fédération Internationale de la Médaille, Hamburg, Germany.
<i>Médailles</i>	<i>Médailles</i> . Fédération Internationale de la Médaille, Paris, France.
<i>The Medal</i>	<i>The Medal</i> . British Medal Society, England.
<i>MeddelLundUHistMus</i>	<i>Meddelanden från Lunds Universitets Historiska Museum</i> . Lund, Sweden.
<i>MedFal</i>	<i>Medalierstwo i Falerystyka</i> . Warsaw, Poland.
<i>Medieval Arch</i>	<i>Medieval Archaeology; Journal of the Society for Medieval Archaeology</i> . London, England.
<i>MedMonatssp</i>	<i>Medizinischer Monatsspiegel</i> . Darmstadt, Germany.
<i>MedSculp</i>	<i>Medallic Sculpture</i> . American Medallic Sculpture Association, New York, NY, USA.
<i>MEFRA</i>	<i>Mélanges de l'École française de Rome Antiquité</i> . Rome, Italy.
<i>MEFRM</i>	<i>Mélanges de l'École française de Rome. Moyen Age, Temps Modernes</i> . Rome, Italy.

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<i>MemAcadMexEstudNum</i>	<i>Memorias de la Academia Mexicana de Estudios Numismáticos.</i> Mexico, D.F., Mexico.
<i>MemAntiq</i>	<i>Memoria Antiquitatis. Acta Musei Petrodavensis.</i> Muzeul Arheologic, Piatra Neamț, Romania.
<i>MemRendAccadZel Acireale</i>	<i>Memorie e Rendiconti dell'Accademia de Scienze, Lettere e Belle Arti degli Zelanti e dei Dafnici di Acireale.</i> Acireale, Italy.
<i>MémSocAntPicardie</i>	<i>Mémoires de la Société des Antiquaires de Picardie.</i> Amiens, France.
<i>Mensuel Jean Elsen</i>	<i>Mensuel Jean Elsen.</i> Brussels, Belgium.
<i>Mesopotamia</i>	<i>Mesopotamia.</i> Turin, Italy.
<i>Metallverarbeitung</i>	<i>Metallverarbeitung.</i> Berlin, Germany.
<i>MéthodPhysAnal</i>	<i>Méthodes Physiques d'Analyse. Revue de Groupement pour l'Avancement des Méthodes Spectrographiques.</i> Paris, France.
<i>MIA</i>	<i>Materialy i Issledovaniia po Arkheologii SSSR.</i> Akademiia Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>MikrochimActa</i>	<i>Mikrochimica Acta.</i> Vienna, Austria.
<i>MitaliMed</i>	<i>Mitali Medaljen.</i> Finnish Art Medal Society. Helsinki, Finland.
<i>MitropOlteniei</i>	<i>Mitropolia Olteniei.</i> Craiova, Romania.
<i>MittNürnberg</i>	<i>Mitteilungen des Vereins für Geschichte der Stadt Nürnberg.</i> Nuremberg, Germany.
<i>MMB</i>	See <i>Berichte.</i>
<i>MMusLauriacum</i>	<i>Mitteilungen.</i> Museumsverein "Lauriacum" Enns Oberösterreich, Enns, Austria.
<i>MNZ</i>	<i>Münstersche Numismatische Zeitung.</i> Münzgalerie München GmbH & Co. KG, Stiglmaierplatz 2, D-8000 Munich 2, Germany
<i>Moeda</i>	<i>Moeda.</i> Lisbon, Portugal.
<i>MÖNG</i>	<i>Mitteilungen der Österreichischen Numismatischen Gesellschaft.</i> Vienna, Austria.
<i>MoJNum</i>	<i>Missouri Journal of Numismatics.</i> Missouri Numismatic Society, St. Louis, Missouri, U.S.A.
<i>Møntärbogen</i>	<i>Møntärbogen.</i> Gentofte, Denmark.
<i>Møntsamlernyt</i>	<i>Møntsamlernyt.</i> Copenhagen, Denmark.
<i>Monedas</i>	<i>Monedas.</i> Sociedad Numismática de Puebla, Mexico.
<i>Money Trend</i>	<i>Money Trend.</i> Vaduz, Liechtenstein.
<i>Monmouthshire Ant</i>	<i>The Monmouthshire Antiquary. Proceedings of the Monmouthshire and Caerleon Antiquarian Socie-</i>

	<i>Forening.</i> Journal of the Norwegian Numismatic Society, Oslo, Norway.
<i>NNM</i>	<i>Numismatic Notes and Monographs.</i> American Numismatic Society, New York, New York, U.S.A.
<i>NNUM</i>	<i>Nordisk Numismatisk Unions Medlemsblad.</i> Copenhagen, Denmark.
<i>Nomisma</i>	<i>Nomisma.</i> Association des Cheminots Numismats, Paris, France.
<i>NomKhron</i>	<i>Nomismatika Khronika.</i> Hellenic Numismatic Society, Athens, Greece.
<i>NorArchRev</i>	<i>Norwegian Archaeological Review.</i> Norsk Arkeologisk Kommisjon, Oslo, Norway.
<i>NorddJMuG</i>	<i>Norddeutsches Jahrbuch für Münzkunde und verwandte Gebiete.</i> Verlag des Auktionshauses Tietjen. Hamburg, Germany.
<i>NordharzerJ</i>	<i>Nordharzer Jahrbuch.</i> Veröffentlichungen des Städtischen Museums Halberstadt, Halberstadt, Germany.
<i>Nordost-Archiv</i>	<i>Nordost-Archiv.</i> Nordostdeutscher Kulturwerk, Lüneburg, Germany.
<i>Norfolk Arch</i>	<i>Norfolk Archaeology.</i> Norfolk and Norwich Archaeological Society, Norwich, England.
<i>North Staffordshire JField Stud</i>	<i>North Staffordshire Journal of Field Studies.</i> University College of North Staffordshire, Keele, England.
<i>NotChiostroMonMagg</i>	<i>Notizie dal Chiostro del Monastero Maggiore.</i> Civico Museo Archeologico/Civico Gabinetto Numismatico, Milan, Italy.
<i>NPlockie</i>	<i>Notatki Płockie.</i> Towarzystwo Naukowe Płockie, Płock, Poland.
<i>NRCG</i>	<i>Numismatic Review and Coin Galleries Fixed Price List.</i> Coin Galleries, New York, New York, U.S.A.
<i>NRCyprus</i>	<i>Numismatic Report.</i> Cyprus Numismatic Society, Larnaca, Cyprus.
<i>NS</i>	<i>Numismatic Studies.</i> American Numismatic Society, New York, New York, U.S.A.
<i>NsächsJLgesch</i>	<i>Niedersächsisches Jahrbuch für Landesgeschichte.</i> Verlag August Lax, Hildesheim, Germany.
<i>NScavAnt</i>	<i>Notizie degli Scavi di Antichità.</i> Accademia Nazionale dei Lincei, Rome Italy.
<i>NS(Czech)</i>	<i>Numismatický Sborník.</i> Československá Akademie Věd, Historický Ústav, Numismatická Komise, Prague, Czechoslovakia.

	Akademīa Nauk SSSR, Institut Narodov Azii, Institut Afriki, Moscow, U.S.S.R.
<i>Nasa Rodina</i>	<i>Nasa Rodina</i> [Our Homeland]. Sofia, Bulgaria.
<i>NatA</i>	<i>Nationalmuseets Arbeidsmark</i> . Copenhagen, Denmark.
<i>NC</i>	<i>Numismatic Chronicle</i> . Royal Numismatic Society, London, England.
<i>NCirc</i>	<i>Numismatic Circular</i> . Spink and Son, Ltd., London, England.
<i>NCour</i>	<i>Numismatic Courier</i> . Toronto, Canada.
<i>NE</i>	<i>Numizmatika i Epigrafika</i> . Akademīa Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>NGQ</i>	<i>Numismatic Gazette Quarterly</i> . Newcastle-upon-Tyne, England.
<i>NH</i>	<i>Numismatische Hefte</i> . Kulturbund der DDR Gesellschaft für Heimatgeschichte Bezirksfachausschuss Numismatik, Dresden, Germany.
<i>NI</i>	<i>Numismatics International</i> . Dallas, Texas, U.S.A.
<i>NipponKKKN</i>	<i>Nippon Kunshō Kenkyū-kai Newsletter</i> . Bakersfield, California, U.S.A.
<i>Nippon Rekishi</i>	<i>Nippon Rekishi</i> [Japanese History]. Nippon Rekishi Gakkai [Japanese Historical Institution], Tokyo, Japan.
<i>NK</i>	<i>Numizmatikai Közlöny</i> . Magyar Numizmatikai Társulat, Budapest, Hungary.
<i>NL</i>	<i>Numismatic Literature</i> . New York, New York, U.S.A.
<i>NListy</i>	<i>Numismatické Listy</i> . Národní Muzeum a Numismatická Společnost Československá, Prague, Czechoslovakia.
<i>NM</i>	<i>Numismatiska Meddelanden</i> . Svenska Numismatiska Föreningen, Stockholm, Sweden.
<i>NMessenger</i>	<i>The Numismatic Messenger</i> . Pacific Palisades, California, U.S.A.
<i>NN</i>	<i>Numismatic News Weekly</i> . Iola, Wisconsin, U.S.A.
<i>NNÅ</i>	<i>Nordisk Numismatisk Årsskrift</i> . <i>Scandinavian Numismatic Journal</i> . Scandinavian Numismatic Union, Lund, Sweden.
<i>NNb</i>	<i>Numismatisches Nachrichtenblatt</i> . Organ des Verbandes der Deutschen Münzvereine e.V. Speyer, Germany.
<i>NNF-Nytt</i>	<i>NNF-Nytt</i> . <i>Meddelelser fra Norsk Numismatisk</i>

<i>Móra Ferenc Múzeum</i>	<i>ly. Newport, Wales.</i>
<i>Moravské NumZprávy</i>	<i>Móra Ferenc Múzeum Évkönyve. Szeged, Hungary.</i>
<i>Mousaios</i>	<i>Moravské Numismatické Zprávy. Moravské Museum, Brno, Czechoslovakia.</i>
<i>Mowia Wieki</i>	<i>Mousaios. Studii și Comunicări. Arheologie-Istorie. Comitetul Județean de Cultură și Educație Socialistă, Muzeul Județean Buzau, Romania.</i>
<i>MR</i>	<i>Mowia Wieki. Magazyn Historyczny. Warsaw, Poland.</i>
<i>Müemlékvédelem</i>	<i>Münzen Revue. Basel, Switzerland.</i>
<i>Münstersche NZ</i>	<i>Müemlékvédelem. Aufsichtsbehörde des Landesdenkmalamtes, Budapest, Hungary.</i>
<i>MűvésErtes</i>	<i>Münstersche Numismatische Zeitung. Holger Dombrowski Lagerkatalogen, Münster, Germany.</i>
<i>Művészet</i>	<i>Művészettörténeti Ertesítő [History Gazette]. Budapest, Hungary.</i>
<i>Muse</i>	<i>Művészet. Budapest, Hungary.</i>
<i>Musée Neuchâtelois</i>	<i>Muse. Annual of the Museum of Art and Archaeology, University of Missouri. Columbia, Missouri, U.S.A.</i>
<i>Muséon</i>	<i>Musée Neuchâtelois. Colombier, Switzerland.</i>
<i>Museos</i>	<i>Le Muséon. Association "Le Muséon," Louvain, Belgium.</i>
<i>Museum</i>	<i>Museos. Madrid, Spain.</i>
<i>MuzHa'aretzBull</i>	<i>Museum. Tokyo National Museum, Tokyo, Japan.</i>
<i>MuzNař</i>	<i>Museum Ha'aretz, Tel Aviv, Bulletin. Ramat Aviv, Tel Aviv, Israel.</i>
<i>MuzPamKult</i>	<i>Muzeul Nařional. Academia de Științe Sociale și Politice, Muzeul de Istorie al Republicii Socialiste România, Bucharest, Romania.</i>
<i>MuzPitești</i>	<i>Muzei i Pametnizi na Kulturata. Komitet za Izkustvo i Kultura, Sofia, Bulgaria.</i>
<i>MuzVlastivědná Práce</i>	<i>Muzeul din Pitești. Studii și Comunicări. Istorie-Științele Naturii. Pitești, Romania.</i>
<i>Myntkontakt</i>	<i>Muzejní a Vlastivědná Práce. Národní Muzeum, Prague, Czechoslovakia.</i>
<i>NachrNiedersachsUr</i>	<i>Myntkontakt. Svenska Numismatiska Föreningens Tidsskrift. Stockholm, Sweden.</i>
<i>Nagano</i>	<i>Nachrichten aus Niedersachsens Urgeschichte. Hanover, Germany.</i>
<i>NarodAziiAfriki</i>	<i>Nagano. Japan.</i>
	<i>Narody Azii i Afriki. Istoriia, Ekonomika, Kul'tura.</i>

<i>NSM</i>	<i>Numismatic Scrapbook Magazine</i> . Sidney, Ohio, U.S.A.
<i>NSR</i>	<i>National Sculpture Review</i> . National Sculpture Society, New York, New York, U.S.A.
<i>NS(USSR)</i>	<i>Numizmaticheskii Sbornik. Materialy k katalogu numizmaticheskogo sobraniia Gosudarstvennyi Istoricheskii Muzei</i> . Moscow, U.S.S.R.
<i>Num</i>	<i>Numismatist. Official Publication of the American Numismatic Association</i> . Colorado Springs, Colorado, U.S.A.
<i>NumAntClas</i>	<i>Quaderni Ticinesi. Numismatica e Antichità Classiche</i> . Gli Amici dei Quaderni Ticinesi di Numismatica e Antichità Classiche, Lugano, Switzerland.
<i>NumBeitr</i>	<i>Numismatische Beiträge</i> . Deutscher Kulturbund, Berlin, Germany.
<i>NumChange</i>	<i>Numismatique et Change</i> . Louppy-sur-Cher, Bar-le-Duc, France.
<i>NumDigest</i>	<i>Numismatic Digest</i> . Numismatic Society of Bombay, Bombay, India.
<i>NumHisp</i>	<i>Numario Hispánica</i> . Superior de Investigaciones Científicas, Museo Arqueológico Nacional y Asociación Numismática Española, Madrid/Barcelona, Spain.
<i>Numisma</i>	<i>Numisma</i> . Madrid, Spain.
<i>Numismaatikko</i>	<i>Numismaatikka</i> . Suomen Numismaatikkoliitto r. y:n julkaisu, Helsinki, Finland.
<i>Numisma(Austral)</i>	<i>Numisma. An Occasional Numismatic Magazine</i> . Melbourne, Australia.
<i>Numismatica</i>	<i>Numismatica. Periodico di Cultura e di Informazione Numismatica</i> . Rome, Italy.
<i>Numismática(Brazil)</i>	<i>Numismática</i> . Rio de Janeiro, Brazil.
<i>NumIsrael</i>	<i>Numismatics in Israel</i> . Elat, Israel.
<i>Numizmatičar</i>	<i>Numizmatičar</i> . National Museum, Belgrade, Yugoslavia, and the Serbian Numismatic Society.
<i>Numizmatika</i>	<i>Numizmatika</i> . [Union of Philatelists in Bulgaria], Sofia, Bulgaria.
<i>NumMoravica</i>	<i>Numismatica Moravica</i> . Moravské Muzeum, Brno, Czechoslovakia.
<i>Nummus</i>	<i>Nummus</i> . Oporto, Portugal.
<i>NumRapp</i>	<i>Numismatisk Rapport</i> . Meddelelser fra dansk numismatisk forening. Copenhagen, Denmark.

<i>NumSfrag</i>	<i>Numizmatika i Sfragistika</i> . Akademiia Nauk Ukrainsoi SSR, Institut Arkheologii, Kiev, U.S.S.R.
<i>NumStockholm</i>	<i>Numismatica Stockholmiensia. Annual Reports and Acquisitions of the Royal Coin Cabinet, National Museum of Monetary History</i> . Stockholm, Sweden.
<i>NV</i>	<i>Numizmatičke Vijesti</i> . Hrvatsko Numismatičko Društvo [Croatian Numismatic Society], Zagreb, Yugoslavia.
<i>NYT</i>	<i>New York Times</i> . New York, New York, U.S.A.
<i>NZ</i>	<i>Numismatische Zeitschrift</i> . Numismatische Gesellschaft, Vienna, Austria.
<i>NZN</i>	<i>Royal Numismatic Society of New Zealand Newsletter</i> . Wellington, New Zealand.
<i>NZNJ</i>	<i>New Zealand Numismatic Journal. Proceedings of the Royal Numismatic Society of New Zealand</i> . Wellington, New Zealand.
<i>ObshchestNaukUzbek</i>	<i>Obshchestvennye Nauki v Uzbekistane</i> . Akademiia Nauk Uzbeksoi SSR, Tashkent, U.S.S.R.
<i>Ogam</i>	<i>Ogam. Tradition Celtique</i> . Amis de la Tradition Celtique, Rennes, France.
<i>Okayama Shigaku</i>	<i>Okayama Shigaku</i> [Historical Science of Okayama]. Okayama Historical Science Society, Okayama University, Okayama, Japan.
<i>Oltenia</i>	<i>Oltenia. Studii și Comunicări. Istorie</i> . Muzeul Olteniei, Craiova, Romania.
<i>ONSN</i>	<i>Oriental Numismatic Society Newsletter</i> . Reading, England.
<i>OOAL</i>	<i>Out on a Limb</i> . Journal of the Money Tree, Rocky River, Ohio, USA.
<i>OPCB</i>	<i>Occasional Papers on Chinese Banknotes</i> . Erwin Beyer, Am Ziegelfeld 3, D-5482 Grafschaft-3, Germany.
<i>OpMus</i>	<i>Opuscula Musealia</i> . Muzeum Uniwersytetu Jagiellońskiego, Kraków, Poland.
<i>OpuscAthen</i>	<i>Opuscula Atheniensia. Skrifter Utgivna av Svenska Institutet i Athen—Acta Instituti Atheniensis Regni Sueciae</i> . Lund, Sweden.
<i>Ordenskunde</i>	<i>Ordenskunde. Beiträge zur Geschichte der Auszeichnungen</i> . International Gesellschaft für Wissenschaftliche Ordenskunde, Berlin, Germany.

<i>Oriens Antiquus</i>	<i>Oriens Antiquus</i> . Istituto per l'Oriente, Centro per l'Antichità e la Storia dell'arte del Vicino Oriente, Rome, Italy.
<i>OrientLovan</i>	<i>Orientalia Lovaniensia Periodica</i> . Instituut voor Oriëntalistiek, Katholieke Universiteit te Leuven, Louvain, Belgium.
<i>OrientSuecana</i>	<i>Orientalia Suecana</i> . Institutionen för semitiska språk, Uppsala, Sweden.
<i>Osječki Zbor</i>	<i>Osječki Zbornik</i> . Musej Slavonije, Osijek, Yugoslavia.
<i>OsnabrückMitt</i> <i>OSNOP</i>	<i>Osnabrücker Mitteilungen</i> . Osnabrück, Germany. <i>Oriental Numismatic Society Occasional Papers</i> . Reading, England.
<i>Otchłani Wieków</i>	<i>Z Otchłani Wieków</i> . Polskie Towarzystwo Archeologiczne i Numizmatyczne, Warsaw, Poland.
<i>Oxoniensia</i>	<i>Oxoniensia</i> . Oxford Architectural and Historical Society, Oxford, England.
<i>ÖZV</i>	<i>Österreichische Zeitschrift für Volkskunde</i> . Vienna, Austria.
<i>PACT</i>	<i>PACT. Revue du groupe européen d'études pour les techniques physiques, chimiques et mathématiques appliquées à l'archéologie</i> . Strasbourg, France/Rixensart, Belgium.
<i>Padusa</i>	<i>Padusa. Bollettino del Centro Polesano di Studi Storici, Archeologici ed Etnografici</i> . Italy.
<i>PalSbor</i>	<i>Palestinskiĭ Sbornik</i> . Akademiia Nauk SSSR, Rossiiskoe Palestinskoe Obshchestvo, Moscow, U.S.S.R.
<i>Parchemin</i>	<i>Le Parchemin</i> . Office Généalogique et Héraldique de Belgique, Musées Royaux d'Arts et d'Histoire, Brussels, Belgium.
<i>Past and Present</i>	<i>Past and Present. A Journal of Historical Studies</i> . Past and Present Society, Oxford, England.
<i>Patma-Banasirakan Handes</i>	<i>Patma-Banasirakan Handes</i> . See <i>IstFilZhurANArmian</i> .
<i>Pays Gaumais</i>	<i>Le Pays Gaumais</i> . Le Musée Gaumais, Virton, Belgium.
<i>Penny-Wise</i>	<i>Penny-Wise</i> . Early American Coppers, Inc., New York, New York, U.S.A.
<i>Peñzügyi Szemle</i>	<i>Peñzügyi Szemle</i> [Financial Review]. Budapest, Hungary.

<i>PEQ</i>	<i>Palestine Exploration Quarterly</i> . Palestine Exploration Fund, London, England.
<i>Peuce</i>	<i>Peuce</i> . Muzeul Delta Dunării, Tulcea, Romania.
<i>Pfälzer H</i>	<i>Pfälzer Heimat</i> . Speyer, Germany.
<i>PhilatPregl</i>	<i>Philatelen Pregeld</i> . Sofia, Bulgaria.
<i>Phoenix</i>	<i>Phoenix</i> . <i>Journal of the Classical Association of Canada</i> . Toronto, Canada.
<i>Physis</i>	<i>Physis</i> . <i>Rivista internazionale di Storia della Scienza</i> . Florence, Italy.
<i>Picus</i>	<i>Picus</i> . Il Ponte, Canale di Montemerano, Rome, Italy.
<i>PismPamVostoka</i>	<i>Pis'mennye Pamiatniki Vostoka</i> . Akademiia Nauk SSSR, Institut Vostokovedeniia, Moscow, U.S.S.R.
<i>Plus Ultra</i>	<i>Plus Ultra</i> . Azteca Numismatic Society, Los Angeles, California, U.S.A.
<i>PM</i>	<i>Paper Money</i> . <i>Official Publication of the Society of Paper Money Collectors</i> . Jefferson, Wisconsin, U.S.A.
<i>PMatMuzArchEtno</i>	<i>Prace i Materiały Museum Archeologicznego i Etnograficznego w Łodzi</i> . Museum Archeologiczne Etnograficzne w Łodzi, Łódź, Poland.
<i>Pontica</i>	<i>Pontica</i> . <i>Studii și Materiale de Istorie, Arheologie și Muzeografie</i> . Muzeul de arheologie, Constanța, Romania.
<i>Post-Medieval Arch</i>	<i>Post-Medieval Archaeology</i> . Society for Post-Medieval Archaeology, London, England.
<i>PProcHampshire Field Club</i>	<i>Papers and Proceedings of the Hampshire Field Club and Archaeological Society</i> . Southampton, England.
<i>PracMat</i>	<i>Prace i Materiały Muzeum Archeologicznego i Etnograficznego w Łodzi</i> . Seria numizmatyczna i konserwatorska. The Archaeological and Etnographical Museum, Łódź, Poland.
<i>Praktika</i>	<i>Praktika tēs en Athēnais Arkhaiologikēs Hetairias</i> . Archaeological Society, Athens, Greece.
<i>Pražský SborHist</i>	<i>Pražský Sborník Historický</i> . Prague, Czechoslovakia.
<i>Preistoria</i>	<i>Preistoria</i> . <i>Bullettino di Paletnologia Italiana</i> . Museo Nazionale Preistorico ed Etnografico "L. Pigorini," Rome, Italy.
<i>ProbVostok</i>	<i>Problemy Vostokovedeniia</i> . Akademiia Nauk SSSR.

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	Institut Vostokovedeniia, Institut Kitae- vedeniia, Moscow, U.S.S.R.
<i>ProcCambridge AntSoc</i>	<i>Proceedings of the Cambridge Antiquarian Society.</i> Cambridge, England.
<i>ProcCambridge PhilSoc</i>	<i>Proceedings of the Cambridge Philological Society.</i> Cambridge, England.
<i>ProcDevon ArchSoc</i>	<i>Proceedings of the Devon Archaeological Society.</i> Ex- eter, England.
<i>ProcDorset NaturHist</i> <i>ArchSoc</i>	<i>Proceedings of the Dorset Natural History and Ar- chaeological Society.</i> Dorchester, England.
<i>ProcPrehistSoc</i>	<i>Proceedings of the Prehistoric Society.</i> London, England.
<i>ProcRoyal Irish Acad</i>	<i>Proceedings of the Royal Irish Academy.</i> Dublin, Ireland.
<i>ProcSocAntiqScotland</i>	<i>Proceedings of the Society of Antiquaries of Scotland.</i> Edinburgh, Scotland.
<i>ProcSomerset ArchNaturHist</i> <i>Soc</i>	<i>Proceedings of the Somerset Archaeology and Natural</i> <i>History Society.</i> Taunton, England.
<i>ProcSuffolk InstArch</i>	<i>Proceedings of the Suffolk Institute of Archaeology.</i> Ipswich, England.
<i>Przegląd Hist</i>	<i>Przegląd Historyczny.</i> Towarzystwo Miłośników Historii, Warsaw, Poland.
<i>PubHistInstLuxembourg</i>	<i>Publications de la Section Historique de l'Institut</i> <i>Grand-Ducal de Luxembourg.</i> Luxembourg.
<i>Pyrenae</i>	<i>Pyrenae.</i> Universidad de Barcelona, Instituto de Arqueología y Prehistoria, Barcelona, Spain.
<i>Qadmoniot</i>	<i>Qadmoniot.</i> Israel Exploration Society, Jerusalem, Israel.
<i>QAssocLigArchStorNav</i>	<i>Quaderni.</i> Associazione Ligure de Archeologia e Storia Navale, Genoa, Italy.
<i>QDAP</i>	<i>Quarterly of the Department of Antiquities in Palestine.</i> Jerusalem, Israel.
<i>QTicNumAntClas</i>	See <i>NumAntClas</i>
<i>QuadEstudMed</i>	<i>Quaderns d'Estudis Medievals.</i> Barcelona, Spain.
<i>QuadMed</i>	<i>Quaderni Medievali.</i> Dedalo, Bari, Italy.
<i>RANS</i>	<i>Report of the Australian Numismatic Society.</i> Sydney, Australia.
<i>RArchAntica Como</i>	<i>Rivista archeologica dell'antica provincia e diocesi di</i> <i>Como.</i> Como, Italy.
<i>RevArchéom</i>	<i>Revue Archéométrie.</i> Rennes, France.
<i>RArchHistArtLouvain</i>	<i>Revue des Archéologues et Historiens d'Art de Louvain.</i> Louvain, Belgium.

<i>Real de a 8</i>	<i>Real de a 8</i> . Club Numismático Tepeaca, Puebla, Mexico.
<i>RecBuckinghamshire</i>	<i>Records of Buckinghamshire</i> . Aylesbury, England.
<i>RechÉconLouvain</i>	<i>Recherches Économiques de Louvain</i> . Louvain, Belgium.
<i>REG</i>	<i>Revue des Études Grecques</i> . Association pour l'Encouragement des Études Grecques en France, Paris, France.
<i>Rekishi Kyoiku</i>	<i>Rekishi Kyoiku</i> [The Journal of Historical Education]. Nippon Shoin, Tokyo, Japan.
<i>RendPontAcc</i>	<i>Rendiconti della Pontificia Accademia Romana di Archeologia</i> . Rome, Italy.
<i>RepAASAustral</i>	<i>Report of the Meeting of the Association for the Advancement of Science</i> . Australasian Association for the Advancement of Science, Sydney, Australia.
<i>RepTransDevonshire</i>	<i>Report and Transactions</i> . Devonshire Association for the Advancement of Science, Literature and Art, Plymouth, England.
<i>RevAlteneoParaguay</i>	<i>Revista del Alteneo Paraguayo</i> . Asunción, Paraguay.
<i>RevArch</i>	<i>Revue Archéologique</i> . Paris, France.
<i>RevArchECE</i>	<i>Revue archéologique de l'Est et du Centre-Est</i> . Dijon, France.
<i>RevArchNarbonn</i>	<i>Revue Archéologique de Narbonnaise</i> . Montpellier, France.
<i>RevArchPic</i>	<i>Revue archéologique de Picardie</i> . Société des Antiquités historiques de Picardie, Amiens, France.
<i>RevArhiv</i>	<i>Revista Arhivelor</i> . Bucharest, Romania.
<i>RevBanque</i>	<i>Revue de la Banque</i> . Union Syndicale Professionnelle des Employés de Banque, Brussels, Belgium.
<i>RevBelgeHistMil</i>	<i>Revue Belge d'Histoire Militaire</i> . Les Amis du Musée Royal de l'Armée et d'Histoire Militaire, Brussels, Belgium.
<i>RevBelgePhilHist</i>	<i>Revue Belge de Philologie et d'Histoire</i> . Brussels, Belgium.
<i>RevÉtArmén</i>	<i>Revue des Études Arméniennes</i> . Société des Études Arméniennes, Paris, France.
<i>RRoumaineHistArt</i>	<i>Revue Roumaine d'Histoire de l'Art</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>RStorItal</i>	<i>Rivista Storica Italiana</i> . Edizioni scientifiche

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<i>RBelArchHistArt</i>	<i>Revue belge d'Archéologie et d'Histoire de l'Art.</i> Académie royale d'Archéologie de Belgique, Musée Bellevue, Brussels, Belgium.
<i>RBN</i>	<i>Revue Belge de Numismatique et de Sigillographie.</i> Société Royale de Numismatique de Belgique, Brussels, Belgium.
<i>REA</i>	<i>Revue des Études Anciennes. Annales de la Faculté des Lettres de Bordeaux.</i> Bordeaux, France.
<i>RevÉtSEur</i>	<i>Revue des Études Sud-Est Européennes.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Studii Sud-Est Europene, Bucharest, Romania.
<i>RevInHistBanque</i>	<i>Revue Internationale d'Histoire de la Banque.</i> Geneva, Switzerland.
<i>RevMuz</i>	<i>Revista Muzeelor.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania. See also <i>RevMuzMMon</i> .
<i>RevMuzMMon</i>	<i>Revista Muzeelor și Monumentelor, seria Monumente Istorice și Artă.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevMuzMMuz</i>	<i>Revista Muzeelor și Monumentelor, seria Muze.</i> Consiliul Culturii și Educației Socialiste, Bucharest, Romania.
<i>RevNord</i>	<i>Revue du Nord.</i> L'Université de Lille, l'Université de Picardie and la Direction de l'Enseignement Supérieur, du Centre National de la Recherche Scientifique, du Conseil Régional, des Conseils Généraux du Nord and du Pas-de-Calais and des villes de Lille and Amiens, Lille, France.
<i>RevNumArg</i>	<i>Revista Numismática Argentina.</i> Asociación Numismática Argentina, Buenos Aires, Argentina.
<i>RevVivaraïs</i>	<i>Revue du Vivaraïs.</i> Largentière, France.
<i>RheinVb</i>	<i>Rheinische Vierteljahrsblätter.</i> Institut für Geschichtliche Landeskunde der Rheinlande, Bonn Universität, Bonn, Germany.
<i>RHist</i>	<i>Revue Historique.</i> Paris, France.
<i>RHistDroit</i>	<i>Revue Historique de Droit Français et Étranger.</i> Paris, France.
<i>RiminiStorArtCult</i>	<i>Rimini Storia Arte e Cultura.</i> Rimini, Italy.

<i>RIN</i>	<i>Rivista Italiana di Numismatica e Scienze Affini.</i> Società Numismatica Italiana in Milano, Milan, Italy.
<i>RivStLiguri</i>	<i>Rivista di Studi Liguri.</i> Istituto Internazionale di Studi Liguri, Bordighera, Italy.
<i>RN</i>	<i>Revue Numismatique.</i> Société Française de Numismatique, Centre National de la Recherche Scientifique, Paris, France.
<i>RobbRpt</i>	<i>The Robb Report.</i> Robb Report, Inc., Alton, MA, USA.
<i>RoczBialostocki</i>	<i>Rocznik Białostocki.</i> Muzeum w Białymstoku, Białystok, Poland.
<i>RoczHist</i>	<i>Roczniki Historyczne.</i> Poznańskie Towarzystwo Przyjaciół Nauk, Wydział Historii i Nauk Społecznych, Warsaw/Poznań, Poland.
<i>RoczJeleniogórski</i>	<i>Rocznik Jeleniogórski.</i> Towarzystwo Rozwoju Ziemi Zachodnich/Towarzystwo Przyjaciół Ziemi Jeleniogórskiej, Wrocław, Poland.
<i>RoczKrakowski</i>	<i>Rocznik Krakowski.</i> Towarzystwo Miłośników Historii i Zabytków, Kraków, Poland.
<i>RoczMuzNarodWarszawie</i>	<i>Rocznik Muzeum Narodowego w Warszawie.</i> Warsaw, Poland.
<i>RoczMuzŚwięt</i>	<i>Rocznik Muzeum Świętokrzyskiego.</i> Muzeum Świętokrzyskie w Kielcach, Kraków, Poland.
<i>RoczMuzToruniu</i>	<i>Rocznik Muzeum w Toruniu.</i> Toruń, Poland.
<i>RodopskiZbor</i>	<i>Rodopski Zbornik.</i> B'lgarska Akademiā na Naukite, Institut za Istoriā, Sofia, Bulgaria.
<i>RÖ</i>	<i>Römisches Österreich, Jahresschrift der österreichischen Gesellschaft für Archäologie.</i> Vienna, Austria.
<i>Romana Contact</i>	<i>Romana Contact.</i> Société d'Archéologie Romana, Ganshoren, Belgium.
<i>Romano-Barbarica</i>	<i>Romano-Barbarica.</i> Herder, Rome, Italy.
<i>RömQ</i>	<i>Römische Quartalschrift für christliche Altertumskunde und Kirchengeschichte.</i> Rome, Italy.
<i>RotenburgSchr</i>	<i>Rotenburger Schriften.</i> Heimatbund Rotenburg/Wümme, Kreisvereinigung für Heimat- und Kulturpflege E.V., Rotenburg/Wümme, Germany.
<i>RozČeskAkad</i>	<i>Rozpravy Československé Akademie Věd.</i> Prague, Czechoslovakia.
<i>RozNárodTěchMuzPraze</i>	<i>Rozpravy Národního Technického Muzea v Praze.</i> Prague, Czechoslovakia.

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<i>RRoumaineHist</i>	<i>Revue Roumaine d'Histoire</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, italiane, Naples, Italy.
<i>RStudFenici</i>	<i>Rivista di Studi Fenici</i> . Centro di Studi per la Civiltà Fenicia e Punica, Rome, Italy.
<i>RStudLiguri</i>	<i>Rivista di Studi Liguri</i> . Istituto Internazionale di Studi Liguri, Museo Bicknell, Bordighera, Italy.
<i>SA</i>	<i>Sovetskaia Arkheologiia</i> . Akademiia Nauk SSSR, Institut Arkheologii, Moscow, U.S.S.R.
<i>Sanguntum</i>	<i>Saguntum</i> . Laboratorio de Arqueologia, Valencia, Spain.
<i>SAN</i>	<i>SAN. Journal of the Society for Ancient Numismatics</i> . Santa Monica, California, U.S.A.
<i>Sanct Olof</i>	<i>Sanct Olof. Julbok för de Åländske Församlingarna</i> . Mariehamn, Åland Island.
<i>Sargetia</i>	<i>Sargetia. Acta Musei Regionalis Devensis</i> . Muzeul Județean, Deva, Romania.
<i>SBF</i>	<i>Studii Biblici Franciscani—Liber Annus</i> . Jerusalem, Israel.
<i>SborArchPrací</i>	<i>Sbornik Archivních Prací</i> . Ministerstvo Vnitřní, Prague, Czechoslovakia.
<i>SborNárodMuzPraze</i>	<i>Sbornik Národního Muzea v Praze (Acta Musei Nationalis Pragae), Series A-Historia</i> . Prague, Czechoslovakia.
<i>SborPracíFilosFakBrno</i>	<i>Sbornik Prací Filosofické Fakulty</i> . Filosofická Fakulta, Řada E, Archeologicko-Klasická, Universiteta J.E. Purkyně, Brno, Czechoslovakia.
<i>SborVlastPracPodblanicka</i>	<i>Sbornik Vlastivědných Prací z Podblanicka</i> . Vlastivědné Muzeum Podblanicka, Jemniště, Czechoslovakia.
<i>ScandEcHistRev</i>	<i>Scandinavian Economic History Review</i> . Scandinavian Society for Economic and Social History and Historical Geography, Stockholm, Sweden.
<i>SchildSteier</i>	<i>Schild von Steier. Beiträge zur Steierischen Vor- und Frühgeschichte und Münzkunde</i> . Steirischen Landesmuseum Joanneum, Graz, Austria.
<i>Schlern</i>	<i>Schlern. Monatsschrift für Heimat- und Volkskunde</i> . Bolzano, Italy.
<i>SchneebergerHB</i>	<i>Schneeberger Heimatbüchlein</i> . Rat der Stadt, Schneeberg, Germany.

<i>SCIA</i>	<i>Studii și Cercetări de Istoria Artei. Seria Arta Plasită.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istoria Artei, Bucharest, Romania.
<i>SciAm</i>	<i>The Scientific American.</i> New York, New York, U.S.A.
<i>SCIVA</i>	<i>Studii și Cercetări de Istorie Veche și Arheologie.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>SCMB</i>	<i>Seaby's Coin and Medal Bulletin.</i> London, England. Ceased publication in 1991.
<i>SCN</i>	<i>Studii și Cercetări de Numismatică.</i> Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Arheologie, Bucharest, Romania.
<i>ScotHistR</i>	<i>Scottish Historical Review.</i> Aberdeen, Scotland.
<i>Sefarad</i>	<i>Sefarad.</i> Consejo Superior de Investigaciones Científicas, Instituto Benito Arias Montano, Madrid, Spain.
<i>Sefunim</i>	<i>Sefunim. Bulletin of the Maritime Museum.</i> Haifa, Israel.
<i>Severní Morava</i>	<i>Severní Morava, Vlastivedný Sborník.</i> Vlastivedna Muzea na Sumperském Okrese, Zábreh, Czechoslovakia.
<i>Shekel</i>	<i>Shekel.</i> American Israel Numismatic Association, New York, New York, U.S.A.
<i>Sibrium</i>	<i>Sibrium.</i> Centro de Studi Preistorici ed Archeologici, Musei Civici di Villa Mirabello, Barese, Italy.
<i>Sicilia Arch</i>	<i>Sicilia Archaeologica. Rassegna Periodica di Studi, Notizie e Documentazione.</i> Ente Provinciale Turismo di Trapani, Trapani, Italy.
<i>Siegerland</i>	<i>Siegerland.</i> Siegerländer Heimatverein, Siegen, Germany.
<i>Širag</i>	<i>Širag. Amsagir Grakanut ean ew Aruesdi</i> [Širag. An Armenian Monthly]. T'ek'eean Cultural Society, Beirut, Lebanon.
<i>SK</i>	<i>Sovetskiĭ Kollektioner.</i> Izdatel'stvo Svĭaz', Moscow, U.S.S.R.
<i>SkandNumis</i> <i>Śląski KwartHistSobótka</i>	<i>Skandinavisk Numismatik.</i> Skärholmen, Sweden. <i>Śląski Kwartalnik Historyczny Sobótka.</i> Wrocławskie Towarzystwo Miłośników Historii, Wrocław, Poland.
<i>Slavia Ant</i>	<i>Slavia Antiqua. Periodical Devoted to Slavonic Anti-</i>

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	<i>quities</i> . Poznań, Poland.
<i>Sleszký Num</i>	<i>Sleszký Numismatik</i> . Sleszké Muzeum v Opavě, Opava, Czechoslovakia.
<i>SlovArch</i>	<i>Slovenská Archeológia</i> . Archeologický Ustav Slovenskej Akadémie Věd, Nitra-Hrad, Czechoslovakia.
<i>SlovNumiz</i>	<i>Slovenské Numizmatika</i> . Slovenské Akadémie Věd, Historický Ustav, Numizmatická Komisia, Bratislava, Czechoslovakia.
<i>SM</i>	<i>Schweizer Münzblätter (Gazette Numismatique Suisse)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNR</i>	<i>Schweizerische Numismatische Rundschau (Revue Suisse de Numismatique)</i> . Schweizerische Numismatische Gesellschaft (Société Suisse de Numismatique), Bern, Switzerland.
<i>SNT</i>	<i>Svensk Numismatisk Tidskrift</i> . Stockholm, Sweden. Formerly <i>Myntkontakt</i> .
<i>SocNumMéxico Bol</i>	<i>Sociedad Numismática de México. Boletín</i> . Mexico City, Mexico.
<i>Sønderjyds M-skr</i>	<i>Sønderjyds Månedsskrift</i> . Historisk Samfund for Sønderjylland, Haderslev, Denmark.
<i>Soester Z</i>	<i>Soester Zeitschrift</i> . Verein für die Geschichte von Soest und der Börde, Soest, Germany.
<i>Somerset ArchNatHist</i>	<i>Somerset Archaeology and Natural History</i> . Proceedings of the Somersetshire Archaeology and Natural History Society, Taunton, England.
<i>SoobANGruzSSR</i>	<i>Soobshcheniia Akademii Nauk Gruzinskoï SSR</i> . Tiflis, U.S.S.R.
<i>SoobGErmitazh</i>	<i>Soobshcheniia Gosudarstvennogo Ermitazha</i> . Leningrad, U.S.S.R.
<i>SoobGMuzIzobIskPushkin</i>	<i>Soobshcheniia Gosudarstvennyi Muzei Izobrazitel'nykh Iskusstv Imeni A.S. Pushkina</i> . Moscow/Leningrad, U.S.S.R.
<i>SoobKhersonMuz</i>	<i>Soobshcheniia Khersonnenskogo Muzeia</i> . Sebastopol. Simferopol, U.S.S.R.
<i>Soproni Szemle</i>	<i>Soproni Szemle</i> . Sopron, Hungary.
<i>Sot la Nape</i>	<i>Sot la Nape</i> . Società Filologica Friulana, Udine, Italy.
<i>Sovetskie Arkhivy</i>	<i>Sovetskie Arkhivy</i> . Glavnoe arkhivnoe upravlenie pri Sovete Ministrov SSSR, Moscow, U.S.S.R.
<i>Speculum</i>	<i>Speculum. A Journal of Mediaeval Studies</i> .

	Mediaeval Academy of America, Cambridge, Massachusetts, U.S.A.
<i>Spoletium</i>	<i>Spoletium</i> . Accademia Spoletina, Spoleto, Italy.
<i>Sprache</i>	<i>Die Sprache</i> . Zeitschrift für Sprachwissenschaft. Wiener Sprachwissenschaft, Vienna, Austria.
<i>SprawNum</i>	<i>Sprawozdania Numizmatyczne</i> . Muzeum Archeologiczne i Etnograficzne w Łodzi. Łódź, Poland.
<i>Sprawozdania KomNauk PAN</i>	<i>Sprawozdania z Posiedzeń Komisji Naukowych Polskiej Akademii Nauk</i> . Kraków, Poland.
<i>SSCA</i>	<i>Stockholm Studies in Classical Archaeology</i> . Stockholm, Sweden.
<i>Starinar</i>	<i>Starinar</i> . Srpska Akademija Nauka, Arheološki Institut, Belgrade, Yugoslavia.
<i>Star in the East</i>	<i>Star in the East</i> . Bible Lands Society, High Wycombe, England.
<i>StudActa Orient</i>	<i>Studia et Acta Orientalia</i> . Académie Roumaine, Bucharest, Romania.
<i>StudAlb</i>	<i>Studia Albanica</i> . Université d'État de Tirana, Institut d'Histoire et de Linguistique, Tirana, Albania.
<i>StudAntArch</i>	<i>Studia antiqua et archaeologica</i> . Universitatea Al. I. Cuza, Facultatea de istorie și filosofie. Iași, Romania.
<i>StudArchaeologica</i>	<i>Studia Archaeologica</i> . Universidad de Valladolid, Valladolid, Spain.
<i>StudArcheologiczne</i>	<i>Studia Archeologiczne</i> . Instytut Archeologii, Uniwersytet Warszawski, Poland.
<i>StudCercBuzău</i>	<i>Studii și Cercetări de Istorie Buzoiană</i> . Comitetul județean de Cultură și Educație Socialistă Buzău, Muzeul Județean de Istorie, Buzău, Romania.
<i>StudClas</i>	<i>Studii Clasice</i> . Academia Republicii Socialiste România, Bucharest, Romania.
<i>StudComunBrukenthal</i>	<i>Studii și Comunicări</i> . Muzeul Brukenthal, Sibiu, Romania.
<i>StudComunPitești</i>	<i>Studii și Comunicări</i> . Muzeul Pitești, Pitești, Romania.
<i>StudComunSatuMare</i>	<i>Studii și Comunicări</i> . Muzeul de Istorie, Satu Mare, Romania.
<i>Studia Cluj</i>	<i>Studia Universitatis Babes-Bolyai, Series Historia</i> . Cluj, Romania.
<i>Studies in Conservation</i>	<i>Studies in Conservation</i> . International Institute for Conservation of Historic and Artistic Works, London, England.

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<i>Studi Magrebini</i>	<i>Studi Magrebini</i> . Centro di Studi Magrebini, Naples, Italy,
<i>StudIran</i>	<i>Studia Iranica</i> . F.E.J. Brill, Leiden, Netherlands.
<i>Studi Romagnoli</i>	<i>Studi Romagnoli</i> . Società di Studi Romagnoli, Faenza, Italy.
<i>StudMatIstMedie</i>	<i>Studii și Materiale de Istorie Medie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudMatMuzIstMil</i>	<i>Studii și Materiale de Muzeografie și Istorie Militară</i> . Musée Central Militaire, Bucharest, Romania.
<i>StudMatMuzTîrgu Mureș</i>	<i>Studii și Materiale</i> . Muzeul Județean Tîrgu Mureș, Tîrgu Mureș, Romania.
<i>StudMatSuceava</i>	<i>Studii și Materiale</i> . Muzeul Județean, Suceava, Romania.
<i>StudPicena</i>	<i>Studia Picena</i> . Fano, Italy.
<i>StudRevIst</i>	<i>Studii, Revistă de Istorie</i> . Academia de Științe Sociale și Politice a Republicii Socialiste România, Institutul de Istorie N. Iorga, Bucharest, Romania.
<i>StudSard</i>	<i>Studi Sardi</i> . Università di Cagliari, Istituto di Studi Sardi, Sassari, Sardinia, Italy.
<i>StudVenez</i>	<i>Studi Veneziani</i> . Centro di Cultura e Civiltà Istituto di Storia della Società e dello Stato Veneziano, Florence, Italy.
<i>StudŹródłoznawcze</i>	<i>Studia Źródłoznawcze. Commentationes</i> . Polska Akademia Nauk, Instytut Historii, Warsaw, Poland.
<i>Suceava</i>	<i>Suceava. Anuarul Muzeului Județean</i> . Suceava, Romania.
<i>SüdostdeutschesArchiv</i>	<i>Südostdeutsches Archiv</i> . Südostdeutschen Historischen Kommission, Munich, Germany.
<i>Südost-Forsch</i>	<i>Südost-Forschungen. Internationale Zeitschrift für Geschichte, Kultur und Landeskunde Südosteuropas</i> . Südost-Institut, Munich, Germany.
<i>Sumer</i>	<i>Sumer</i> . Directorate General of Antiquities, Baghdad, Iraq.
<i>Suomen Museo</i>	<i>Suomen Museo</i> . Archaeological Society of Finland, Helsinki, Finland.
<i>Surrey ArchColl</i>	<i>Surrey Archaeological Collections</i> . Surrey Archaeological Society, Guildford, England.
<i>SussexArchColl</i>	<i>Sussex Archaeological Collections Relating to the History and Antiquities of the County</i> . Sussex Ar-

	chaeological Society, Sussex, England.
<i>SymThrac</i>	<i>Symposia Thracologica</i> . Simpozion anual de Tracologie, Romania.
<i>Syria</i>	<i>Syria. Revue d'Art Oriental et d'Archéologie</i> . Institut Français d'Archéologie de Beyrouth, Paris, France.
<i>A. SzékelyNumzMuz Ertes</i>	<i>A. Székely Nemzeti Múzeum Ertesítője</i> . Musée d'Histoire Locale, Sfântu-Gheorghe, Romania.
<i>TAF</i>	<i>Corpus des trésors monétaires antiques de la France</i> . Paris, France.
<i>Taiyo</i>	<i>Taiyo</i> [The Sun]. Tokyo, Japan.
<i>TAMSJ</i>	<i>TAMS Journal. Official Organ of the Token and Medal Society</i> . Sepulveda, California, U.S.A.
<i>Tatstil</i>	<i>Tatstil</i> [The Chord]. <i>Forum for Music Research and Bibliography</i> . Music Library, Haifa, Israel.
<i>TCNRS</i>	<i>Transactions of the Canadian Numismatic Research Society</i> . Espanola, Ontario, Canada.
<i>Tel-Aviv</i>	<i>Tel-Aviv</i> . Tel-Aviv University, Institute of Archaeology, Israel.
<i>Telegrafo</i>	<i>El Telegrafo</i> . Guayaquil, Ecuador.
<i>Terra Santa</i>	<i>Terra Santa</i> . Franciscan Printing Press, Jerusalem, Israel.
<i>Thessaloniki</i>	<i>Thessaloniki</i> . Thessalonica, Greece.
<i>Thraco-Dacica</i>	<i>Thraco-Dacica</i> . Academiei Republicii Socialiste Romania, Bucharest, Romania.
<i>Tibiscus</i>	<i>Tibiscus</i> . Muzeul Banatului, Timișoara, Romania.
<i>Tijdschr num</i>	<i>Tijdschrift voor numismatiek</i> . Brussels, Belgium.
<i>Tokyo Bunka KenkyuKiyo</i>	<i>Tokyo Bunka Kenkyushu Kiyo</i> [Memoirs of the Institute for Oriental Culture]. University of Tokyo, Tokyo, Japan.
<i>TransB'hamWarwksArchSoc</i>	<i>Transactions of the Birmingham and Warwickshire Archaeological Society</i> . New title of <i>TransProcBirmingham ArchSoc</i> .
<i>TransBristol Gloucestershire ArchSoc</i>	<i>Transactions of the Bristol and Gloucestershire Archaeological Society</i> . Bristol, England.
<i>TransDumfriesshireGalloway NaturHistAntSoc</i>	<i>Transactions of the Dumfriesshire and Galloway Natural History and Antiquarian Society</i> . Edinburgh, Scotland.
<i>TransEssexArchSoc</i>	<i>Transactions of the Essex Archaeological Society</i> . Colchester, England. See also <i>EssexArchHist</i> .
<i>TransLichSStaffsArchHistSoc</i>	<i>Transactions of the Lichfield and South Staffordshire Archaeological and Historical Society</i> . Bloxwich, England.

<i>TransLondonM'sexArchSoc</i>	<i>Transactions of the London and Middlesex Archaeological Society.</i> London, England.
<i>TransShropArchSoc</i>	<i>Transactions of the Shropshire Archaeological Society.</i> Shrewsbury, England.
<i>TransSStaffsArchHistSoc</i>	Formerly <i>TransLichSStaffsArchHistSoc</i> .
<i>TransThorotonSocNotts</i>	<i>Transactions of the Thoroton Society of Nottinghamshire.</i> Nottingham, England.
<i>TransWoolhope Naturalists</i>	<i>Transactions of the Woolhope Naturalists' Field Club.</i> Hereford, England.
<i>TransWorcsArchSoc</i>	<i>Transactions of the Worcestershire Archaeological Society.</i> Worcester, England.
<i>Trésors monétaires</i>	<i>Trésors monétaires.</i> Bibliothèque nationale, Paris, France.
<i>Trierer ZGeschKunst</i>	<i>Trierer Zeitschrift für Geschichte und Kunst des Trierer Landes und seiner Nachbargebiete.</i> Rheinisches Landesmuseum, Trier, Germany.
<i>Trudy ANTadzh</i>	<i>Trudy.</i> Akademiia Nauk Tadzhikskoi SSR, Stalinabad, U.S.S.R.
<i>Trudy GErmitazh</i>	<i>Trudy Gosudarstvennogo Ermitazha.</i> Leningrad, U.S.S.R.
<i>Trudy Ist-KraevMuzMold</i>	<i>Trudy Istoriko-Kraevedcheskogo Muzeia Moldavskoi SSR.</i> Kishinev, U.S.S.R.
<i>TTT</i>	<i>Trade Token Topics.</i> Merchant Token Collectors Association, Richmond Beach, Washington, U.S.A.
<i>T'ungPao</i>	<i>T'ungPao.</i> Society for Oriental Numismatics, Iowa City, Iowa, U.S.A.
<i>Tvorchestvo</i>	<i>Tvorchestvo.</i> Soïuz Khudozhnikov SSSR, Moscow, U.S.S.R.
<i>Udine</i>	<i>Udine, Bollettino delle Civiche Istituzioni Culturali.</i> Udine, Italy.
<i>UkrIstZhurnal</i>	<i>Ukrainskyi Istorichnyi Zhurnal.</i> Akademiia Nauk URSR, Instytut Istorii/Komunistychna Partiiia Ukrainy, Instytut Istorii, Kiev, U.S.S.R.
<i>Ulster JArch</i>	<i>Ulster Journal of Archaeology.</i> Belfast, Northern Ireland.
<i>Unsere Heimat</i>	<i>Unsere Heimat.</i> Verein für Landeskunde von Niederösterreich und Wien, Vienna, Austria.
<i>USNatMusBull</i>	<i>United States National Museum Bulletin.</i> Washington, D.C., U.S.A.
<i>Valachica</i>	<i>ActaValachica. Studii și Materiale de Istorie a Culturii.</i> Muzeul Județean Dimbovița, Tirgoviște, Romania.

<i>VaNum</i>	<i>The Virginia Numismatist</i> . Virginia Numismatic Association, Hampton, Virginia, U.S.A.
<i>Vasi Szemle</i>	<i>Vasi Szemle</i> . Savaria Muzeum, Szombathely, Hungary.
<i>VDI</i>	<i>Vestnik Drevnei Istorii (Revue d'Histoire Ancienne)</i> . Moscow, U.S.S.R.
<i>Vecherni Novini</i>	<i>Vecherni Novini</i> . Sofia, Bulgaria.
<i>Vekove</i>	<i>Vekove</i> . Revue de la Société historique bulgare, Sofia, Bulgaria.
<i>VestGosMuzGruz</i>	<i>Vestnik Gosudartsvennogo Muzeia Gruzii imeni Akademiika S. N. Dzhnashia</i> . Tiflis, U.S.S.R.
<i>VestIstMirovKul't</i>	<i>Vestnik Istorii Mirovoi Kult'ury</i> . Moscow, U.S.S.R.
<i>VestLatvPSRAkad</i>	<i>Vēstis</i> . Latvijas Padomju Socialistikas Republikas zinatu Akademija, Riga, U.S.S.R.
<i>VestMoscowU</i>	<i>Vestnik Moskovskogo Universiteta</i> . Moscow, U.S.S.R.
<i>VestOtdelObshchNauk Gruz</i>	<i>Vestnik</i> . See <i>Matsne</i> .
<i>VeszprémMegyeiMuzKözlem</i>	<i>Veszprém Megyei Muzeumok Közleményei</i> . Veszprém, Hungary.
<i>VI</i>	<i>Voprosy Istorii</i> . Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>VID</i>	<i>Vspomogatel'nye Istoricheskie Distipliny</i> . Akademiia Nauk SSSR, otdelenie istorii, arkhograficheskaiia komissiiia, Leningradskoe otdelenie, Leningrad, U.S.S.R.
<i>Vie num</i>	<i>La Vie numismatique</i> . Alliance européenne de numismatique, Brussels, Belgium.
<i>14 Tage Göttingen</i>	<i>14 Tage Göttingen</i> . Göttingen, Germany.
<i>Vie Wallonne</i>	<i>La Vie Wallonne</i> . <i>Revue mensuelle illustrée</i> . Liège, Belgium.
<i>Vita Veronese</i>	<i>Vita Veronese</i> . <i>Rivista mensile di cultura</i> . Verona, Italy.
<i>Voenno-IstZhurnal</i>	<i>Voenno-Istoricheskiĭ Zhurnal</i> . Ministerstvo Oborony SSSR, Moscow, U.S.S.R.
<i>VÖstGeschichtsv</i>	<i>Veröffentlichen des Verbandes Österreichischer Geschichtsvereine</i> . Vienna, Austria.
<i>VolkstumLandschaft</i>	<i>Volkstum und Landschaft</i> . <i>Heimatblätter der Münsterländische Tageszeitung</i> . Clopenburg, Germany.
<i>VV</i>	<i>Vizantiĭskiĭ Vremennik</i> . Akademiia Nauk SSSR, Institut Istorii, Moscow, U.S.S.R.
<i>VznikPočátky Slov</i>	<i>Vznik a Počátky Slovanů</i> . <i>Origine et Débuts des Slaves</i> . Československá Akademie Věd, Sekce Historická, Slovanský Ústav, Prague,

	Czechoslovakia.
<i>Wavriensia</i>	<i>Wavriensia. Bulletin du Cercle Historique et Archéologique de Wavre et de la Région.</i> Wavre, Belgium.
<i>WCN</i>	<i>World Coin News.</i> Iola, Wisconsin, U.S.A.
<i>WCoins</i>	<i>World Coins.</i> Sidney, Ohio, U.S.A.
<i>Wenwu</i>	<i>Wen Wu [Cultural Relics].</i> Beijing, People's Republic of China.
<i>Westfalenspiegel</i>	<i>Westfalenspiegel.</i> Westfälischer Heimatbund, Dortmund, Germany.
<i>WG</i>	<i>Wetterauer Geschichtsblätter.</i> Bindernagelsche Buchhandlung, Friedberg, Germany.
<i>WienZKunde SüdOstasiens</i>	<i>Wiener Zeitschrift für die Kunde Süd- und Ostasiens und Archiv für Indische Philosophie.</i> Indologische Institut, Universität Wien, Vienna, Austria.
<i>Wiltshire ArchMag</i>	<i>Wiltshire Archaeological Magazine.</i> Wiltshire Archaeological Society, Devizes, England.
<i>Winterthur Jb</i>	<i>Winterthur Jahrbuch.</i> Winterthur, Switzerland.
<i>WN</i>	<i>Wiadomości Numizmatyczne.</i> Polska Akademia Nauk, Komisja Numizmatyczna, Warsaw, Poland.
<i>WNJ</i>	<i>Whitman Numismatic Journal.</i> Racine, Wisconsin, U.S.A.
<i>WroclZapNum</i>	<i>Wrocławskie Zapiski Numizmatyczne.</i> Polskie Towarzystwo Archeologiczne i Numizmatyczne, Oddział Wrocławski, Sekcja Numizmatyczna, Wrocław, Poland.
<i>WZeitschriftFSUnivJena</i>	<i>Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena.</i> Jena, Germany.
<i>YN</i>	<i>The Young Numismatist.</i> American Numismatic Association, Colorado Springs, Colorado, U.S.A.
<i>Yokohama Shodai Ronshu</i>	<i>Yokohama Shodai Ronshu [Review of Yokohama Commercial College].</i> Yokohama, Japan.
<i>Yorkshire ArchJ</i>	<i>Yorkshire Archaeological Journal.</i> Yorkshire Archaeological Society, London, England.
<i>ZapOdessArkObshch</i>	<i>Zapiski. Odesskoe Arkheologicheskoe Obshchestvo,</i> Odessa, U.S.S.R.
<i>ZborArheolMuz</i>	<i>Zbornik na Arheološkiot Muzej.</i> Skopje, Yugoslavia.
<i>ZborMuzPrimenjene Umet</i>	<i>Zbornik. Muzej Primenjene Umetnosti,</i> Belgrade, Yugoslavia.
<i>ZborNarodMuzBeogradu</i>	<i>Zbornik Narodnog Muzeja u Beogradu.</i> Belgrade, Yugoslavia.
<i>ZborSlovNárodMuz</i>	<i>Zborník Slovenského Národného Muzea.</i> Bratislava, Czechoslovakia.

<i>ZCzęst</i>	<i>Ziemia Częstochowska</i> . Towarzystwo Popierania Kultury Regionalnej, Częstochowa, Poland.
<i>ZDMG</i>	<i>Zeitschrift der Deutschen Morgenländischen Gesellschaft</i> . Wiesbaden, Germany.
<i>ZeitAachenGeschichts</i>	<i>Zeitschrift des Aachener Geschichtsvereins</i> . Verlag des Aachener Geschichtsvereins, Aachen, Germany.
<i>Zephyrus</i>	<i>Zephyrus. Cronica del Seminario de Arqueología y de la Sección Arqueológica del Centro de Estudios Salmantinos</i> . Salamanca Universidad, Facultad de Filosofía y Letras, Salamanca, Spain.
<i>ZesMuzZKłódzkiej</i>	<i>Zeszyty Muzeum Ziemi Kłodzkiej</i> . Kłodzko Land Museum, Kłodzko, Poland.
<i>ZfN</i>	<i>Zeitschrift für Numismatik</i> . Berlin, Germany.
<i>ZGeschOberrhein</i>	<i>Zeitschrift für die Geschichte des Oberrheins</i> . Karlsruhe/Heidelberg, Germany.
<i>ZGeschSaar</i>	<i>Zeitschrift für die Geschichte der Saargegend</i> . Historisches Verein für die Saargegend, E. V., Saarbrücken, Germany.
<i>ZGeschvMülheim</i>	<i>Zeitschrift des Geschichtsvereins Mülheim an der Ruhr</i> . Mülheim, Germany.
<i>Ziridava</i>	<i>Ziridava</i> . Muzeul Județean, Arad, Romania.
<i>ZPE</i>	<i>Zeitschrift für Papyrologie und Epigraphik</i> . Bonn, Germany.
<i>ZSchlesHolstGesch</i>	<i>Zeitschrift</i> . Gesellschaft für Schleswig-Holsteinische Geschichte, Kiel, Germany.
<i>ZSchweizArchKunstgesch</i>	<i>Zeitschrift für Schweizerische Archäologie und Kunstgeschichte</i> . Schweizerisches Landesmuseum, Zürich, Switzerland.
<i>Zvaigznota Debess</i>	<i>Zvaigznota Debess</i> [The Stellar Sky]. Latvijas Padomju Socialistikas Republikas zinatu Akadēmija, Astrofizikas Laboratorija, Riga, U.S.S.R.
<i>ZVerHessische Gesch</i>	<i>Zeitschrift des Vereins für Hessische Geschichte und Landeskunde</i> . Kassel, Germany.
<i>ZVerLubGeschAltertums</i>	<i>Zeitschrift des Vereins für Lübeckische Geschichte und Altertumskunde</i> . Max Schmidt-Römhöld, Lübeck, Germany.

GENERAL

1 BERGHAUS, PETER. Numismatiker im Porträt 18. Walter Hävernicks 23. Januar 1983 Hamburg *GN* 28 (1993) no. 156, pp. 166-172, illus. (Peter Ilisch)

2 BERGHAUS, PETER. Numismatiker im Porträt 19, Jacopo de Strada 1507 Mantua - 6. September 1588 Prag. *GN* 28 (1993), no. 158, pp. 214-220, illus. (Peter Ilisch)

3 BERGHAUS, PETER. Numismatiker im Porträt 20, Hermann Dannenberg 4 July 1824 Berlin - 14/15 Juli 1905 Bad Salzbrunn. *GN* 28 (1993) no. 158, pp. 261-268, illus. (Peter Ilisch)

4 CALLATAÏ, FRANÇOIS DE. L'activité numismatique dans le monde vue à travers les index des 5 derniers *Surveys*. *Annotazioni Numismatiche* Vol. 7 (September 1992) pp. 133-141.

It is very difficult and also dangerous to estimate the activity in a scientific field. This article takes in account the indices of the last 5 *Surveys of Numismatic Research* to give an idea of the strength of numismatics in the world. Some trends are underlined. Charts of the most prolific countries and authors are given. Of course, due to the many reasons of distortion, these charts are only indicative. (Author)

5 CALLATAÏ, FRANÇOIS DE. Le "trésor du Grand Escalier": dépôt votif ou témoin d'une grande invasion? *BCEN* Vol. 30 No. 2 (1993) pp. 38-45.

A short ironical novel about how archaeologists and numismatists of c. 2,250 A.D. will interpret the coin deposit of the Royal Library at Brussels (In 1992, a box was placed in the entrance to receive money; after one year, the money was counted). (Author)

6 CASPER, HELMUT. Von der Hammerprägung zum Münzautomaten. 1. Bescheidene Anfänge in alten Münzschmieden. *GN* 38 (1993) no. 158, pp. 270-273, illus. (Peter Ilisch)

7 DEKESEL, CHRISTIAN. *Bibliothecae Universitatis Gandavensis*.

Numismatica selecta 1514-1599. Numismatic books printed before 1600 in the Central Library of the University of Ghent. (Ghent, Author, 1992) vii plus 486 pp. illus.

Contains also a comparative study on the illustrations of the *duodecimo caesares* in books of the 16th century. (Johan van Heesch)

8 DIMITROV, KAMEN. Coin minting and royal ideology in Pre-hellenistic Thrace (End of 6th century—first half of the 4th century B.C.)—*Istoriceski pregled* [Historical Review], Sofia, No. 4, 1992 pp. 73-83. In Bulgarian, English summaries.

The same was presented in French at the XI Congress of Numismatics, Bruxelles 1991. (Author)

9 DIMITROV, KAMEN. Two Hellenistic coin hoards in Bulgarian museums. [Annuaire du Musée national archéologique (de Sofia) vol. VIII (1992)] pp. 367-78. In Bulgarian, French summary. (Author)

10 DIMITROV, KAMEN. A treasure with drachms of the Alexander type in the Historical Museum—Silistra. Dobrudja, vol. 5 (1988) pp. 87-92. In Bulgarian, English, French, and German summaries. (Author)

11 DIMITROV, KAMEN. On some problems of the development of Thrace during the early Hellenistic Age. Symposium "The culture of Early Hellenistic Thrace in the region of Kazanluk" (Bulgarian, English summaries.) Kazanluk, 1984 (Proceedings 1991) pp. 94-103. (Author)

12 FISCHER, T. Den Waagebalken nicht ueberschreiten. *Schweizer Muenzblaetter* 43 (1993) pp. 53-55.

The conjunction of numbers, measures, and weights including coins were linked by the ancients to the conceptions of equality and justice as opposed to greediness, realizing a famous saying of Pythagoras, "Don't step over the weighing beam" (Diog. Laert., Pythag. 8.17f, Porph., Pythag. 42, Iambl., Pythag. 186, etc.) Thus, the scales in themselves and also as attributes of Moneta, Aequitas, and Dikaio-syne, which are found on Late Republican and Imperial Roman coins, may be due to this Neo-Pythagorean conception of "the beam". (Author)

13 GENEROSO, CINZIA. Il tesoretto di San Lorenzo del Vallo (Cosenza), 1950, in *BollNum* 14-15, 1990, pp. 109-1183 illus., tavv.

This is the announcement of 311 denari, roman silver, found in 1950 at San Lorenzo in Vallo (Cosenza). (Andrea Carignani)

14 GOLABIEWSKI LANNBY, MONICA. The Royal Coin Cabinet Stockholm 1986 and 1987. Coin hoards and finds. *NNA* 1987-88 (pr. 1992), pp. 189-209, illus.

Id., The Royal Coin Cabinet Stockholm 1990. *NNÄ* 1991 (pr. 1992), pp. 245-255.

15 GRISPEN, A. Gids voor muntverzamerlaars. Een handleiding vol met gouden tips. [A guide for the coin collector.] (Brussels, Koninklijke Munt van België [The Royal Mint] 1992) 23 pp. illus.

16 GUNDEL, HANS GEORG. Die Münzsammlung der Universität Giessen-Geschichte, Inhalt, Bearbeitung (Berichte und Arbeiten aus der Universitätsbibliothek Giessen 27).

17 NORDISK NUMISMATISK AARSSKRIT (NNÄ)/NORDIC NUMISMATIC JOURNAL 1991. Festschrift to Kolbjørn Skaare on the occasion of his 60th birthday 6 April 1991. Stockholm 1992, 255 pp. illus.

The volume contains an appreciation of Skaare's career by Axel Seeberg, his bibliography 1956-91, eleven contributions on various numismatic topics and Coin Finds 1990 incorporated with the Coin Cabinets in Copenhagen, Oslo, Helsinki and Stockholm.
(Ulla Westermarck)

18 POENARU BORDEA, GH. and MITREA, BUCUR. Découvertes monétaires en Roumanie-1990 (XXXIV) *Dacia* Vol. 35 (1991) pp. 215-28.

The authors present the chronicle of the monetary discoveries from Romania. These discoveries were published or only discovered in 1990. Between them there are again Greek, Roman, Dacian, Byzantine, Medieval and Modern coins. (Constantin Preda)

19 SARVAS, PEKKA. Münzkabinet, Finnisches Nationalmuseum, Helsinki 1990. *NNÄ* 1991 (pr. 1992), pp. 237-43.

20 SERAFIN PETRILLO, PATRIZIA. Il tesoretto di Patricia. Catalogo, in *BollNum* 14-15, 1990, pp. 23-47 illus.

This is a collection of 100 republican denari, part of a hoard which was discovered at Patricia (Frosnone) in 1935. The coins dated from 211 to 119 B.C. (Andrea Carignani)

21 SKAARE, KOLBJORN. The University Coin Collection Oslo 1990. Coin Finds. *NNÄ* (pr. 1992), pp. 235-36.

22 STINGA, ION. Contributii privind circulatia monedelor moldovenesti în Tara Românească [Contributions to the Circulation of Moldavian Coins in Valachia]. *BSNR* Vol. 80-85 (1992) pp. 133-37 illus. French summary.

In the coin collections of the Drobeta-Tunu Severin Museum there is a group of seven Moldavian coins from the XIV and XV centuries, discovered in this town or in the proximity of the town. The coins are from Petru Musat (1375-91) and Alexander the Best (1400-32).
(Constantin Preda)

23 STROOM, INGRID. Obeloi of Pre-or Proto-Monetary value in the Greek Sanctuaries. *Economics of Cult in the Ancient Greek World*. Boreas 21, Uppsala 1992, pp. 41-51.

The function of the iron obeloi, the contexts in which they are found, their chronology and distribution area in the period preceeding early Greek coinage are discussed. (Author)

24 TALVIO, TUUKKA. The National Museum of Finland, Helsinki. Coin Finds 1986 and 1987. *NNÄ* 1987-88 (pr. 1992), pp. 186-88.

25 VERGA, SILVANA. Caccamo e il suo comprensorio archeologico. (Realtà e leggenda della Cartagine di Sicilia, in *Sicilia Archeologica* 17th, 80, 1992) pp. 67-73 illus.

The author objects to the original Punic of Caccamo (Palermo) advance on the basis of some findings from the XVII century. (Andrea Carignani)

26 VITTORIO, ANNA. Il tesoretto di Laives Rei-via Lichtenstein. Catalogo in *BollNum* 14-15, 1990, pp. 7-21, illus.

Twenty-two denari found in a hoard in Alto Adige in 1980-85 are discussed. They come from 155 to 116-115 B.C. (Andrea Carignani)

TECHNOLOGY AND METHODOLOGY

27 BEER TOBEY, LESLIE and TOBEY, A. G. Experiments to simulate ancient Greek coins, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics* 3, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 28-35, illus.

Experiments in replicating coins of Aeginetan "turtle" types are described. Evidence for hubbing and hot striking is presented, and the performances of reverse dies made from bronze and from wrought iron are compared. (Edward M. Besly)

28 BESLY, EDWARD. Rotary coining in Britain, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics* 3, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 118-129, illus.

The use in Britain of rotary methods of coining using Walzenprägung (cylinder presses) or Taschenwerk (rocker presses) from the late 16th century until the English Civil War is reviewed. Contemporary minting techniques at the Tower of London are also discussed. (Author)

29 BRAND, JOHN D. Scissel and swarf, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 87-98.

The production of coin blanks and the formation of waste metal by the various processes are discussed. (Edward M. Besly)

30 COLLIN, B. Architecture and production in the French mints during the 17th and 18th centuries, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 154-159, illus.

Purpose-built mints on permanent sites, and their physical organization and artistic embellishment are discussed. (Edward M. Besly)

31 COOPER, DENIS R. The coining press after 1817, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 177-184, illus.

The introduction and development of the Uhlhorn press are described. (Edward M. Besly)

32 DYER, G.P. Punches and dies in the 18th century in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 160-168, illus.

The evidence from punches and dies for the working practices in the British Royal Mint is assessed. (Edward M. Besly)

33 DOTY, R.G. The industrialisation of money: three examples in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 169-176.

The fortunes of the Birmingham firm of Boulton, Watt & Co. in dealings with Russia, Mexico and the United States between 1796 and 1837 are described. (Edward M. Besly)

34 GASPAR, PETER P. Coining and die-making techniques in the 17th century, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 130-142, illus.

A review of early mechanical processes and the evolution of the mechanical reproduction of punches. (Edward M. Besly)

35 GERIN, DOMINIQUE. Techniques of die-engraving: some reflections on Obols of the Arcadian League in the 3rd century BC, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 20-27, illus.

Examines evidence for the use of hubs in preparing obverse (anvil) dies for small denominations of Greek coinage.
(Edward M. Besly)

36 HACKENS, TONY; MICHAUX-VAN DER MERSCH, FRANCOISE; and DELAMARE, FRANCOIS. Facts, forces and chronology, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993) pp. 1-6.

Discusses the evolution of archaic coin-making in terms of the laws of solid mechanics.
(Edward M. Besly)

37 HATHERLEY, P.G. The future of coinage, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3* Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 240-250, illus.

A review of current and future trends in coin-making technology and coin use.
(Edward M. Besly)

38 HEALY, JOHN F. Mint practice at Mytilene; evidence for the use of hubs, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 7-19, illus.

39 LA NIECE, SUSAN. Technology of silver-plated coin forgeries, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3* Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 227-239, illus.

40 MALKMUS, WILLIAM. Addenda to Vermeule's Catalog of Ancient Coin Dies: Part 5 (Conclusion). *SAN* Vol. 18, No. 4 (April 1993) pp. 96-105, illus.

This final article adds material not previously published. In addition to a Bibliography (parts 4 and 5) are Tables 5, 6, 7, 8 and 9 and illustrated footnotes. (Vic Kozik)

41 ODDY, W.A. and COWELL, M.R. The technology of gilded coin forgeries, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3* Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 199-226. illus.

42 SELLWOOD, DAVID. Early Austrian and German machine mining, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London. 1993), pp. 108-117, illus.

43 SORENSEN, AXEL KJAER. From Coins and Dies to Coinage. *NNÅ* 1985-86 (published 1993) pp. 113-21. Danish summary.

A statistical ('Expanded Area') method for estimation of coinage size from die numbers in surviving coins is compared with the 'Maximum Likelihood Estimate' method by W.W. Esty (*NC* Vol 146 (1986) p. 185 ff.). Calculated minimum die numbers corresponding to the lower limit of Esty's 95 per cent shows good agreement.

(Gerhard Miksche)

44 THOMPSON, R.H. Mechanisation at the 17th century London mint: the testimony of tokens in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 143-153, illus.

Seventeenth century tokens provide evidence for the use of fillet rollers, blank cutters and coining pressess. The rollers may explain why three groups of tokens issued by George Robinson of Witham vary widely in weight but all show a similar minimum. Seven token dies surviving in public collections are examined.

(Author)

GREEK

45 BAKHOUM, SOHEIR. Signification de l'image d'Apis sur le

monnayage d'Alexandrie. *Chronique d'Egypte* Vol. 67 No. 133 (1992) pp. 133-142.

The appearance of Apis on Alexandrian coins of Nero, Domitian, Trajan, Hadrian, Antoninus Pius, Marcus Aurelius, Commodus, Septimius Severus and on leaden tokens is discussed.

(Johan van Heesch)

46 CALLATAÿ, FRANÇOIS DE. Athenian New Style Tetradrachms in Macedonian Hoards. *AJN* Second Series 3-4 (1991-1992) pp. 30-3.

Strangely enough, for Athenian emissions of New Style tetradrachms are overrepresented in Macedonian hoards. These four emissions were struck c. 125-20 B.C. This peculiarity, which also concerns the Thracian area, needs some historical explanation. Some hypotheses are proposed. (Author)

47 CALLATAÿ, FRANÇOIS DE; DEPEYROT, GEORGES; and VILLARONGA, LEANDRE. *L'argent monnayé d'Alexandre le Grand à Auguste*. Cercle d'Etudes Numismatiques. Travaux. No. 12, Brussels (1993) 114 pp. maps and graphics.

The aim of this book is to make a first survey of the total mass of silver coins available during the last 3 centuries B.C. This survey combines 3 studies carried out independently: François de Callataÿ for the Hellenistic world, Leandre Villaronga for the Iberian peninsula, and Georges Depeyrot for the Roman Republic, designed to estimate the evolution of the mass of silver coins issued between the reign of Alexander the great and that of Augustus. The level of uncertainties is clearly high but the results, in terms of relative values, seem to be rather coherent.

48 CALLATAÿ, FRANÇOIS DE. Contrefaçons de monnaies grecques, notes I-IV. *RBN* Vol. 138 (1992) pp. 155-60 illus.

Four notes about Greek forgeries: 1) Some forgeries linked to Becker. 2) A forgery of a forgery: an "Alexander" creation of Goltzius taken as a model for large bronze coins. 3) Some supplementary forgeries for the Arcadian League (see D. Gerin, *SNR*, 1986). 4) Two forgeries for the hellenistic tetradrachms of Lebedus recently published by M. Amandry. (Author)

49 CALLATAÿ, FRANÇOIS DE. Un tétradrachme hellénistique de Ténédos surfrappé sur Thasos. *SM* Vol. 43 No. 168 (1993) pp. 2-4.

Publication of an hellenistic tetradrachm of Tenedos overstruck on a Thasian tetradrachm. (Author)

50 HOUGHTON, ARTHUR. The Reigns of Antiochus VIII and Antiochus IX at Antioch and Tarsus. *SNR* Vol. 72 (1993) pp. 87-106 illus.

The article discusses the various reigns of the two kings who alternately held Antioch and Tarsus and publishes a series of tetradrachms of uncertain mints in northern Syria. (Silvia Hurter)

51 OECONOMIDES, MANDO. Ena Nomismatokopeio sten Archaia

Pella [A Mint in Ancient Pella]. Fifth International Symposium Ancient Macedonia (October 10-15, 1989), vol. 2 Institute for Balkan Studies, Thessaloniki, 1993, p. 1143-1154.

On the basis of flans, pieces of rods intended for flans and a metallurgic kiln a mint for construction of flans and coins, are identified at Ancient Pella (city insula 3) for the first time. (Author)

52 OECONOMIDES, MANDO. O Mythos tou Melikerti-Palaimona sta Korinthiaka Nomismata [The Myth of Melikertis-Palaimon on Corinthian Coins.] Actes of the IVth International Congress of Peloponnesian Studies *Corinth 9-16 September 1990*, Athens 1992-1993, II vol., p. 135-39.

Mythology has always been a source of inspiration for the ancient engravers. The ancient Greeks, an exceptionally sensitive people, were very selective in the iconography of their coins. In Hellenistic times when the coin types became more narrative, mythological scenes appear on the coins. On the coins of Corinth, especially in the Roman times, are depicted figures related to the mythology of the city. A beloved theme is the legend of Melikertis-Palaimon which we know from Pausanias' narration in his Attica. Many elements of this myth as well as monuments related to the cult of this hero are preserved to the present day through the coinage. (Author)

53 REQUIER, PIERRE. Le monnayage d'Epidaure à la lumière d'un nouveau trésor. *SNR Vol. 72* (1993) pp. 29-46 illus.

The author publishes a mid-third century hoard from the Peloponnese with a large group of coins of Epidauros. (Silvia Hurter)

54 VECCHI, ITALO. The Coinage of the *Rasna* part 4. *SNR Vol. 72* (1993) pp. 63-73 illus.

The fourth part of the study of Etruscan coinage (see NL 130) which covers the bronze coinage. (Silvia Hurter)

55 ZAHLE, JAN. Graeske mønter. [Greek Coins]. Den kgl Mønt-og Medaillesamling. (Copenhagen 1992). 56 pp. illus, 1 map. In Danish.

This new guide book to the exhibition of Greek Coins in the Danish National Museum includes description of all exhibited coins as well as an introduction to each section. (Ulla Westermarck)

PUNIC

56 ALEXANDROPOULO, S.J. L'influence de Carthage sur les monnaies phénico-punique d'Espegne. *Mélanges de la Casa de Velezquez* 23. (1987) 5 ss.

57 CHAVES, F. L'influence Phénico-punique sur iconographie des frappes locales de la Péninsule Ibérique. *Studie phoenicia IX, Numis. et Hist. économique phénicienne et punique. Actes du Colloque, Louvain-le-Neuve, Mai 1987* (1992) pp. 167-94.

58 GARCIA-BELLIDO, M.P. El proceso de monetización en el Levante y en el Sur Hispánico, durante la segunda guerra púnica. *Actes V Coloquio sobre lenguas y culturas prerromanas de la P.I. Universidad de Salamanca.* (1992) pp. 317-47.

59 GARCIA-BELLIDO, M.P. Iconographie Phénico-punique sur des monnaies romaines republicaines de la Bétique. *Studie Phoenicia IX. Numis. et Hist. économique phénicienne et punique. Actes du Colloque, Louvain-le-Neuve, Mai 1987.* (1992) pp. 153-66.

60 MEDAS, S. Le prue di neve sulle monete di Asdrubel. *Annotazioni Numismatiche*, 10. (1993) pp. 194-98.

61 MILDENBERG, LEO. Sikulo-punische Münzlegenden. *SNR Vol. 72* (1993) pp. 5-21 illus.

The legends of the Siculo-Punic silver coins and problems of their respective mints are discussed.
(Silvia Hurter)

62 VILLARONGA, L. Numismatique: 4 Espagne. *Dictionnaire de la Civilisation Phénicienne et punique.* Brepole (1992) pp. 324-26.

63 VILLARONGA, L. Les monnaies hispano-carthaginoises du système attique. *Studie Phoenicia, IX, Numis. et Hist. économique phénicienne et punique. Actes du Colloque, Louvain-le-Neuve, Mai 1987.* (1992) pp. 149-53.

64 VILLARONGA, L. Les monnaies d'argent d'Ebusus i de Gdir. *Estudi comparatiu. Homenatge a Miquel Terradell. Estudio Universitari Catalans, Barcelona.* (1993) pp. 303-07.

AFRICA—MEDIEVAL AND MODERN

- 65 HAMMARGREN CHRISTENSEN, MOGENS. Inflation i Afrika [Inflation in Africa]. *NumRapp* 37, 1993 No. 2, pp. 75-88, illus. In Danish.

All bank notes of Zaire 1972-1992 are listed and described.

(Author)

IBERIAN

- 66 ASIN, SABINA. El monetario del Ayuntamiento de Valencia. Les monedes antiques de les cesas valenciense. Sèrue Arquealàgica Municap 7. *Ajuntament de València*. (1988) p. 88.

- 67 BOST, J-P.; CAMPO, M.; and ALTRES, I. Lépave Cabrara III (Majorque). *Pubications de Centre Pierre Paris*, 23. U.R.A. 991, Paris (1992) p. 234.

- 68 CALLATAY, F. DE; DEPEYROT, G.; and VILLARONGA, L. L'ergent monneyé d'Alexandre le Grand à Auguste. *Travaux*, 12 Cercle d'Etudes Numismatiques, Bruxelles. (1993) p. 120.

- 69 IBAÑZ ARTICA, M. elations enire le Gaule belgique et le Celtiberie. *Bulletin*, Mai 1993 Société Française de Numismatique. (1993) pp. 564-66.

- 70 LECHUGA GALINDO, M. La Monedaa Iberica En "Historie de Cartagana" Ediciones mediterraneo S.A. (1991) pp. 435-62.

- 71 LIBERO MANGIERI, G. Su alcune moneta d'epoca ellenísice delle collezioni Foresio, provinenti della Baleari *Gaceta Numismatica*, 109 Asociación Numismática Española, Barcelona. (1993) pp. 17-19..

- 72 LOPEZ CAMACHO, J. Tesorillo de brances hispano-romanos halledo en Yunquera (Málaga). *Gaceta Numismatica*, 109 (1993) pp. 21-23.

- 73 VIDAL GONZALEZ, P. Hellazogs monetarios procedentes de "El Bobeler", en Montroi y del término de Montserrat (Valencia). *Seguntum*, 26 Universitat de València (1993) pp. 259-62.

ROMAN

74 ALMELA VARELA, L. Le emonedecián pompeyene en Hispania. Su utliización como medio propagándisico y como reflejo de lla clientele de la Gens Pompeia. *Faventia 12-14*. Universitat Autònoma de Barcelona (1990) pp. 181-97.

75 ANSIEAU, C. Le vicus Gallo-Romain de Waudrez. Structures archeologiques au nord de la voie antique. *Documents d'archéologie Regionale* Vol. 3 (1990) pp. 8-37.

Twenty-two Roman imperial coins found in the Roman *vicus* of Waudrez (Belgium) are described on pp. 20-21. (Johan van Heesch)

76 BEAUCHAINE, L.E. The Phoenix and the Sothic Cycle. *SAV* Vol. 18 No. 4 (April 1993) pp. 84-85 illus.

Ancient Egypt made a contribution to our calendar by commemorating a "Great Year" twice, five years apart, on billon tetradrachms of the Roman Emperor Antoninus Pius. (Vic Kozik)

77 BURNETT, A.M. and HOOK, D.R. Early Roman coin production, in M.M. Archibald and M.R. Cowell (eds.) *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 36-44, illus.

A survey of production of the earliest Roman coinages from just before 300 BC. until the end of the third century. (Edward M. Besly)

78 CALLATAÏ, FRANÇOIS DE and RAYMAEKERS, PAUL. Un lot de monnaies en provenance de Tell Aamarné (Syrie du Nord). *BCEN* Vol. 30 No. 2 (1993) pp. 29-38.

Publication of 51 bronze coins found at Tell Aamarné (Northern Syria): 5 Hellenistic coins; 30 Roman (mainly 4th c. A.D.); 7 Byzantine and 9 Islamic. (Authors)

79 CAVADA NIETO, M. El período tetrafrgioco en Galicie e través de los hellezgos moneterios. *Jubilatia, Homenaje e M. Lucas Alvarez y A. Rodriguez*, pp. 43-52.

80 CAVADA NIETO, M.; ARIAS VILAS, F. Galicia bejorromena. *Gallaecia 3/4*. Universidad de Santiago de Compostela. (1979) pp. 91-108.

81 CAVADA NIETO, M. Monedes hispano-romanos helleles en Galicie.

Bolt in Auriense, XX-XXI, 1990-1991. (1991) Orense pp. 233-54.

82 DESNIER, JEAN-LUC. *Ob Cives Servatos. SNG Vol. 72 (1993) pp. 113-31 illus.*

The author presents new interpretations of reverse types and a slightly modified date of denarii of the moneyers L. Aquillius Florus, M. Durmius and P. Petronius Turpilianus. *(Silvia Hurter)*

83 DOYEN, JEAN-MARC. *Le refuge romain tardif et protomérovingien de la "Roche Troué" a Nismes. Recherches sur l'occupation du sol au VI^e siècle dans la vallée de Viron. Publication Amphora Vol. 13 (Brussels, 1992) 116 pp. and 49 plates.*

Information on late Roman coin finds from the southern part of Belgium. *(Johan van Heesch)*

84 FRANKE, PETER R. Einige Beispiele für die Auswertung von Münzschatzfunden. *NNÄ 1991, pp. 19-34, illus.*

The importance of coin hoards is illuminated by a discussion of the following hoards: a hoard of hellenistic tetradrachms from Side in Pamphylia, a hoard of small bronzes of the 4th century B.C. from Maroneia in Thrace (*IGCH 719*) and two hoards of late Roman folles from Saarland, Germany. *(Ulla Westermarck)*

85 FREBUTTE, CHRISTIAN. Autour du trésor monétaire de Thuin: visages de la civilisation celtique. *Les Celtes et la Thudinie. Publications du centre d'histoire et d'art de la Thudinie No. 14 (Thuin, 1992) pp. 3-34.*

Contains general information on the Nervii and the archaeological remains of the Celts in the region of Thuin (Belgium). *(Johan van Heesch)*

86 GARCIA-BELLIDO, M.P. Sobre el culto de VULCANUS y JUCELLUS en Hispanie: testimonios numismáticos. *Brance y Religión romana. Actes XI Congres a Int. Bronces Antiguos, CSIC, Madrid 1990. (1993) pp. 161-70.*

87 GARCIA BLANCO, J.A. Estudio de las relecciones de identidades en les abstracciones de la Numismática Romane: Annone, Libites y Felicites. *Gaceta Numismática 109. Asociación Numismática Española, Barcelona. (1993) pp. 25-32.*

88 GODDARD, JOHN P. Roman brockages: a preliminary study of their frequency and type, in M.M. Archibald and M.R. Cowell (eds.) *Metallurgy in Numismatics 3* Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 71-86, illus.

- 89 GRINDER-HANSEN, KJELD.** Site finds as a source to the economic history of the Roman Empire. Some methodological problems. *NNÅ* 1987-88 (pr. 1992), pp. 122-46.

Methodological questions with special reference to the relevance of site finds as a source for the Roman economic history in general and for the economic conditions in different parts of the Empire are discussed. (Author)

- 90 HOLM, ARNE E.** Små refleksjoner over noen myntmotiver. [Reflections on some coin-types.] *NNF-nytt* No. 1 (1993) pp. 47-56, illus.

Some reverse types on coins from Roman imperial Egypt and how they might have been understood by different groups of the Alexandrian population are discussed. (Ulla Westermark)

- 91 HOWGEGO, CHRISTOPHER.** The supply and use of money in the Roman world 200 B.C. to A.D. 300, *JRS* 82 (1992), 1-31.

- 92 KENT, JOHN.** The Empress Ariadne: what's in a name? *NNÅ* 1991 (pr. 1992), pp. 35-44, illus.

Departing from a remarkable solidus of Ariadne found on Gotland, the author discusses various forms of her name as it is recorded in inscriptions and on coins. (Ulla Westermark)

- 93 KLEINER, FRED S.** Equestrian Portraits of Philip the Arab. *Florilgium Numismaticum*, Stockholm 1992, pp. 197-202, illus.

A rare series of bronze coins of Etenna in Pisa reproduce an equestrian statue of Philip I, including its base. This noteworthy representation shows that a similar equestrian type on coins struck in Rome but without a base must reproduce a statue in the capital. (Harald Nilsson)

- 94 KROMANN, ARNE.** The denarii from the moor of Illerup. *NNÅ* 1991, (pr. 1992), pp. 45-54, illus.

The moor of Illerup in Jutland, Denmark, was used for sacrifices of war booty during the period c. A.D. 200-400. It has yielded thousands of objects, among them c. 200 Roman denarii struck between A.D. 63-188. The coins were probably acquired by soldiers outside Denmark and are evidence of a modest import earlier than the main import of denarii to Denmark, which did not occur until after A.D. 210. (Ulla Westermark)

- 95 KROMANN, ARNE.** Die römischen Münzen von Gudme - archäologische Untersuchungen. Frühmittelalterliche Studien (pub. by Walter de Gruyter, Berlin and New York) 21, 1987, pp. 61-73. (Peter Ilisch)

- 96 LECHUGA GALINDO, M.** Numismática terdie de la región de

Murcia. El conjunto de monedas del Puerto de Mezarrón. Arte y Poblamiento en el S.E. Peninsular. *Antig. Crist (Murica) V.* (1988) pp. 259-61.

97 LECHUGA GALINDO, M.; MATILLA SEIGUR, G. El monetario del Museo de Murcia I. Historie y composition, Series hispano-latines, II. *Verdolay* 2, 1990 y 3, 1991. Revista del Museo de Murci (1991)

98 LALLEMAND, JACQUELINE. Les monnaies. *Braives Gallo-Romain IV. La zone Centre-Ouest* R. Brulet, ed. Publications d'Histoire de l'Art et d'Archeologie de l'UniversitCatholique de Louvain no. 77 (Louvain-la-Neuve, 1990 [1992]) pp. 53-57.

The author gives a description of 65 Celtic and Roman coins found at Braives in Belgium. (Johan van Heesch)

99 LALLEMAND, JACQUELINE. Les monnaies romaines. *Les fouilles de la place Saint-Lambert à Liège, 2, Le vieux marche*, M. Otte, ed. Etudes et Recherches Archéologiques de l'Université de Liège no. 23 (Liège, 1988) pp. 138-9.

A description of 8 Roman coins (Vespasian-Titus to Diocletian) found in Liège (Belgium) is given. (Johan van Heesch)

100 LEVY, BOB. From the Coin's Point of View. (Lodi, Wisconsin, Clio's Cabinet, 1993). 178 pp., illus. ISBN 1-879080-03-6.

Roman imperial and Julio-Claudian history and coinages are presented through a series of vignettes purporting to be the coin's own experiences. The author's collection of superb pieces is illustrated in its entirety (life size and in 2:1 or 3:1 photographs) and about half of the pieces are used as bases for the stories, which are intended to educate and to stimulate collecting. Several supplements give the Julio-Claudian genealogy, Roman coin denominations, minting descriptions, grading standards, and a glossary of terms used by collectors of Roman coins. (Joseph E. Boling)

101 MOREAUX, M. Art et nudité sur les monnaies romaines. *Vie num* Vol. 42 No. 10 (1992) pp. 327-33.

102 NIELSEN, SVEND. Roman Denarii in Denmark—an Archaeological Approach. *NNÁ* 1987-88, (pr. 1992), pp. 147-69, maps and graphs.

The author discusses many aspects of denarii found in Danish graves, the chronological position of the denarii in Denmark and their role in the Iron Age economy in relation to the economic situation in continental Europe. He stresses the point that all denarii struck before the devaluation in 194/95 must have been exported from Roman territory before that date. (Ulla Westermarck)

103 NUBER, ELISABETH. Fundmünzen aus Baden (Regierungsbezirk Freiburg). In: Archäologische Ausgrabungen in Baden-Württemberg 1992,

Stuttgart 1993, pp. 33-37, illus., ISBN 3-8062-1070-5, ISSN 0724-1070-5.

The author surveys the new coin finds from Roman times in southern Baden. They also include a small bronze of Byzantium, a denarius from Mauritania and a 10-nummia of Theoderich. (Peter Ilisch)

104 PETERSEN, PETER VANG. Zwei Schatzfunde mit römischen Münzen in Gudme-archäologische Untersuchungen. Frömmittelalterliche Studien (Walter de Gruyter, Berlin and New York) 21, 1987, pp. 51-60. (Peter Ilisch)

105 ROCOUR, M. Les monnaies des tombes de St. Victor. *Bulletin du Cercle Archéologique Hesbaye-Condruz* (La Necropole de Saint-Victor à Huy, Vieme-VIIIeme siecle) vol. 21 (1989-1990) pp. 181-2.

Twelve coins (1 of the Remi, 1 imitation of Tetricus I and bronzes of the 4th century) found in a Merovingian cemetery at Huy (Belgium) are described. (Johan van Heesch)

106 SCHALLMAYER, EGON. Ein römischer Münzschatzfund aus Ousterburken, Neckar-Odenwald-Kreis. In: *Archäologische Ausgrabungen in Baden-Württemberg 1992*, Stuttgart 1993, pp. 125-29, ISBN 3-8062-1070-5, ISSN 0724-1070-5.

327 silver coins from Vespasianus to Severus Alexander. (Peter Ilisch)

107 STANNARD, CLIVE. The adjustment al marco of the weights of Roman Republican denarii blanks by gouging, in M.M. Archibald and M.R. Cowell (eds.) *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 45-70, illus.

The use of gouging to adjust blanks is discussed and a catalogue of 121 denarii and four other gouged pieces is presented. It is suggested that this practice was applied to small numbers of heavy blanks to adjust a match *al marca* (Edward M. Besly)

108 TAMEANKO, MARVIN. The Quadrans and Semis Denominations in Roman Imperial Coinage: A Numismatic Mystery. *SAV* Vol. 18 No. 4 (April 1993) pp. 86-93 illus.

To distinguish between these tiny coins used by the very poor they were struck in different metals. The semis was yellow orichalcum, while the quadrans was red copper. The semis was worth two quadrants. (Vic Kozik)

109 VANNI, FRANCA MARIA. Alcuni riproduzone di rovesci monetari in gemme. *Technologie et analyse des gemmes anciennes*. Proceedings of the European Workshop of Ravello, November 13-16, 1987. T. Hackens and G. Moucharte, eds. PACT no. 23, Rixensart (1989 [1993]) pp. 301-12.

110 VIGIER, J.R. Julia Domna ou l'orientalisme Romain a l'aube du

III^{ème} siècle, *Vie num* Vol. 42 No. 3 (1992) pp. 75-8.

A summary of the different issues for Julia Domna is given. (*Johan van Heesch*)

111 WEILLER, RAYMOND. Le trésor de Steinfort 1991. Antoniniens et imitations de la fin du III^{ème} siècle. Précédé d'un commentaire archéologique de Raymond Waringo. *Hemecht* (3/1993) pp. 315-361.

A complete hoard of 2,120 late Roman antoniniani (including only a few imitations), probably concealed in 274, is described, comments and partly illustrated. (*Author*)

BYZANTINE

112 BASTIEN, PIERRE. Les émission dynastique de Constantin. Deux solidi inédits de Constantinople (335), Essays in honor of Robert Carson and Kenneth Jenkins, Spink, (London 1993), pp. 263-66, pl. XLV.

A survey of the commemorative and dynastic coins struck by Constantine I. Two unpublished solidi from the issue of 335 in Constantinopolis, devoted to Constantine I, his sons Constantine II, Constantius II and Constans, and his nephew Delmatius. (*Author*)

113 ILIESCU, OCTAVIAN and TARALUNGA, PAUL. Un tezaur de la sfîrsitul sec. XIII descoperit la Prajesti, jud. Bacău. [A Coin Hoard from the End of the XIIIth Century Discovered at Prajesti, Bacău County.] *Carpica* Vol. 23 (1992) pp. 247-57 illus. French summary.

In 1964 a coin hoard was discovered at Prajesti, Bacău County-Moldavia which contained four Byzantine hyperperous from Ioan III Dukas Vatatzes and 52 dirkhans of the Golden Horde, originals and imitations from the years 1256-1300. In the same coin hoard was discovered also 103 silver and five gold and silver jewels. (*Constantin Preda*)

114 LECHUGA GALINDO, M. Un ponderal bizantino hallado en Caragena. *Anales de Prehistoria y Arqueologia*, 5-6, 1989-9. *Universidad de Murcia* (1990) pp. 179-82.

115 LECHUGA GALINDO, M.; MENDEZ ORTIZ, R. Numismática Bizantina de Cartagena, en "Historia de Cartagena". Ediciones Meiterraneo S.A. (1991) pp. 71-78.

116 OBERLÄNDER-TARNOVEANU, ERNEST and PAPUSOI, EUGENIA. Monede bizantine din colectia Muzeului "Vasile Pârvan" din

Bîrlad [Byzantine Coins from the Collection of the Museum "Vasile Pârvan" from Bîrlad.] *Carpice* Vol. 23 pp. 223-43 illus. French summary.

The authors present forty Byzantine coins from the Collection of the Museum from Bîrlad. Most of them (32) are issues from the 9th to 13th centuries and were discovered in the proximity of the city Bîrkadd-Moldavia. (*Constantin Preda*)

117 PREDĂ, CONSTANTIN. Descoperiri inedite de monede antice si byzantine [New Unpublished Discoveries of Ancient and Byzantine coins]. *BSNR* Vol. 80-85 (1992) pp. 289-96 illus. French summary.

The author publishes several coins (Dacubasm Macedonia Prima, Thasos, Roman Republican coins, Philip II posthumous coins, Roman Imperial Byzantine coins) recently discovered in different localities from Muntenia, Transylvania and Banat (*Author*)

ANCIENT NEAR EAST

118 ARIEL, D.T. Coins from the Excavations at Tel Nahariya, 1982. *Atiqot* Vol. XXII (1993) pp. 125-132, illus.

The 20 coins published are mainly minute silver and bronze issues of the 4th century B.C. They include Tyrian and uncertain issues showing a facing lion mask on the obverse and a dolphin in the reverse, bronze issues of Alexander III, probably also of Tyre, 3 Ptolemaic and 1 Nabataean issues. (*Arnold Spaer*)

119 BELDIMAN, CORNELIU. Monede antice din jud. Harghita. [Ancient Coins from Harghita County.] *BSNR* Vol. 80-85 (1992) pp. 267-270, illus. English summary.

In the collection of the Museum from Miercurea Ciuc, Harghita County-Transylvania, entered recently the following coins: a Dacian coin of Inotsti-Răcoasa type, discovered at Secuieni, two Roman Republican denarii discovered at Delinta and Meresti, and a Roman Imperial denar from Vitellius found at Jigodin. (*Constantin Preda*)

120 BELDIMAN, CORNELIU. Un tezaur de monede thasiene descoperit la Tigănești, jud. Teleroman. [A Thasos coin Discovered at Tigănești, Teleorman County.] *BSNR* Vol. 80-85 (1992) pp. 69-74, illus. English summary.

In 1984 was discovered at Tigănești, Telroman County-Valachia, a coin hoard with tetradrachms from Thasos. The coins were buried in a bronze vessel. We have today only four tetradrachms of this coin hoard. (*Constantin Preda*)

121 BUCOVALA, MIHAI. Découvertes récentes dans les nécropoles de Tomis [Recent Discoveries in the cemetery of Tomis.] *Dacia* Vol. 35 (1991) p. 199.

In a Roman tomb from Tomis-Constanta (Dobroudja) were discovered 10 bronze coins. Four of them are Roman issues from Traian, Hadrian, Faustina and Antoninus Pius. The other six are Greek Imperial coins issued at Tomis, three of them probably in the 1st century A.D. and the other three from Commodus and Caracalla. (*Constantin Preda*)

122 BULL, R.J. and STORVICK, O.J. The Gold Coin Hoard at Caesarea. *Biblical Archaeologist* ("BA") Vol. 56 No. 3 (September 1993) pp. 116-8 and 120 illus.

123 CAPITANU, VIOREL and TARALUNGA, PAUL. Tezaurul de denari romani imperiali descoperit la Prăjesti, comuna Traian, jud. Bacău [The Roman Imperial coin Hoard Discovered at Prăjesti, Bacău County.] *Carpice* Vol. 23 (1992) pp. 167-83 illus. French summary.

In 1966 a coin hoard of 183 Roman Imperial denarii was discovered at Prăjesti. The coins of the hoard are from Nero to Pescenius Niger. Most of them are from the emperors Vesasianus, Trajan, Hadrian, and Antoninus Pius. The coin hoard is situated in the proximity of the Carpic settlement. (*Constantin Preda*)

124 CAPITANU, VIOREL. Tezaurul de denari romani imperiali de la Parava, jud. Bacău [The Roman Imperial Denarii Hoard from Parava, Bacău Cunt] *Carpices* Vol. 23 (1992) pp. 151-65 illus. French summary.

In the locality of Parava, Bacău County-Moldavia, was discovered in 1956 a coin hoard which contains 145 Roman Imperial denarii. The coins are issues from the period Galba-Commodus. The most of them are from the following emperiors: Trajan, Hadrian, Antonius Pius and Marcus Aurelius. It is possible that two other lots discovered in a previous time are parts of these. (*Constantin Preda*)

125 CHEN, D., MARGALIT, S. and PIXNER, B. Remains of Late Iron Age Fortifications beneath the "Essene's" Gate on Mt. Zion. *Qadmoniot* Vol. 26 No. 1-2 (122-2) (1993). In Hebrew.

During excavations south of the Old City Jerusalem the Islamic and Byzantine levels yielded Umayyad coins of the early 8th century A.D. and in the fill of the Byzantine gate coins of Elagabal and one coin of Galerius. (*Arnold Spaer*)

126 CONOVICI, NICULAE. Noi contributii pивind circulatia drahmelor din Dyrrhachium si Apollonia; aspectul metrologic [New Contributions on the Circulation of Drachms from Dyrrhchium and Apollonia; the Metrological Aspect.] *BSNR* Vol. 80-85 (1992) pp. 49-67. French summary.

The analysis of the drachms discoveries shows that Dyrrhachium issues are many

of Apollonia. One of the reasons is the title of the Dyrrhachium's drachms, better than that of Apollonia. With this occasion it was realised several diagrams with weight's fluctuations of the coins from the most important coin hoards.
(Constantin Preda)

127 GLODARIU, IOAN; IAROSLAVSCHI, EUGEN and RUSU, ADRIANA. Die Münzsätze vom Sarmizegetusa Regia. *Ephemeris Napocensis* Vol. 2 (1992) pp. 57-68 illus.

In the Dacian oppidum from Grădiştea Muncelului-Sarmizegetusa Regia-Transylvania were recently discovered four dies of Roman Republican and also Roman Imperial type. Two of these reproduce the image of the avers of the denarii with the name of C. Cassius (Crawford, 266/1) and C. Hosidius Geta (Crawford, 407/2). The third is the avers of a denar from Tiberius (RIC, 1, p. 103, nr. 1-3) and of the last one we have only a few fragments.
(Constantin Preda)

128 ILIESCU, OCTAVIAN. In legătură cu tezaurul monetar de a Tulghies, jud Maramures. [About the Coin Hoard from Tulghies, Maramures County.] *BSNR* Vol. 80-85 (1992) pp. 37-48 illus. French summary.

This is a concise story which contains all the information about the discovery's conditions, and the number and destination of all the three Dacian monetary lots from the Tulghies coin hoard.
(Constantin Preda)

129 KETTENHOFEN, ERICH. Zur Geschichte der Stadt Der'a in Syrien. *Zeitschrift des Deutschen Palästina-Vereins* 107, 1991, pp. 77-91, pl. 1.

The author publishes an unknown bronze coin of Septimius Severus and Julia Domna struck in Adraa, compares it with other pieces of this city and takes it as a base for a discussion of the history of Adraa.
(Peter Ilisch)

130 LAMPINEN, P. Hoarding the Gold Solidus. *Biblical Archaeologist* ("BA") p. 119, illus.

Two connected notes on 99 solidi found in a stone "safe" beneath a residential building in Caesarea. The coins cover issues of Constantius II to Honorius and the period ca. 344-402 A.D. Seventy are issues of Valentinian and Valens.
(Arnold Spaer)

131 MALEK, HODGE MEHDI. A Seventh-Century Hoard of Sasanian Drachms. *Iran* 31 (1993), pp. 77-93 ills.

A hoard of 296 Sasanian drachms appears to have come from Quetta and to have been buried in or after 632, since the latest coin is dated in the second year of Hormizd VI, who rules 631-32. The remaining coins are of Khusraw II, from every regnal year from 13 until his death in 389. In addition to the catalog of coins, the mint distribution and metrology of the coins in the hoard are analyzed. The 29 mint abbreviations on the coins in the hoard are listed and their attributions discussed.
(Michael L. Bates)

132 NADELMAN, J. Jerusaem - Pisgat Ze'ev. *Hasashot Arch. Vol. 99* (1993)

pp. 49-51. In Hebrew.

During an archaeological survey in this Jerusalem suburb 2 Yahud type minute silver coins were found, one of Athenian type, the other of the type bearing the name Yehzekiyah. In an adjoining area a copper 1/8th Shekel of the Year 4 of the 1st Revolt was found. Illus. (Arnold Spaer)

133 POENARU BORDEA, GH. and OCHESEANU, RADU. Un fragment de tezaur de denari romani imperiali descoperit la P Incesti, judetul Bacău. [A Fragment from the Roman Imperial Denaries Coin Hoard Discovered at Pîncesti, Bacău County.] *BSNR* Vol. 80-85 (1992) pp. 275-80 illus. French summary.

In a private collection there are many 14 Roman Imperial denarii which belong to a coin hoard discovered at Pincesti, Bacău County Moldavia. The coins are from Vespasian to Commodus. (Constantin Preda)

134 SEGAL, A. and NAOR, Y. Sha'ar Ha'amakim 1991. *Hadashot Arch.* Vol. 99 (1993) pp. 20-21 In Hebrew.

Coins found during excavations at this site in the Yezre'el Valley consisted of 10 Hellenistic issues including 2 Ptolemaic cins, a coin of Agrippa I and 5 Roman coins including an Eastern Denar of Trajan. (Arnold Spaer)

135 SHUKRUN, E. and SAVRIAGO, A. Jerusalem - Pisgat Ze'ev [Build Your House Or.] *Hadashot Arch.* Vol. 99 (1993) pp. 51-53. In Hebrew.

Several dozen copper coins of the second Temple period were found, the latest of Alexander Jannaeus. (Arnold Spaer)

136 STAHL, Z. The Ports of Palestine on Ancient Coins *Yaron Golan Publ., Tel-Aviv* 1992 94 pp. illus. In Hebrew.

Description of coins issued by coastal towns from Sidon southwards to Gaza and of Jewish coins and cities near the Sea of Galilee showing maritime symbols and types. (Arnold Spaer)

137 TOHATAN, RADU. Consideratii asupra tezaurului de la Tulghies, jud. Maramures.[Considerations About the Coin Hoard from Tulghies, Maramures County.] *BSNR* Vol. 80-85 (1992) pp. 27-35. French summary.

The author presents new information about the conditions of the discovery and also about the number of the coins of the Dacian coin hoard from Tulghies, Maramures County. (Constantin Preda)

138 URSACHI, V. and MIHAILESCU-BIRLBA, V. Descoperirile monetare din asezarea dacuca de ka Brad [Monetary Discoveries from the Dacian Settlement from Brad]. *Arh. Moldovei* Vol. 15 (1992) pp. 97-105, illus. French summary.

In the time of the archaeological researches from the Dacian Settlement from Brad,

Bacău County-Moldavia where discovered 31 Greek, Dacian and Roman Republican and Imperial coins. Between them there were 2 AE from Histria, 1 AR of Lysimach type, 5 AR Dacian (Vîrteju-Bucurestu type), 14 AR Roman Republicans, 6 AR and AE Roman Imperials, 1 AE Greek Imperial and 2 AE unidentified. Near the settlement were discovered 3 AR coins from Dyrrhachium and 1 AR from Marcus Aurelius. A Calinesti, which belongs to the same locality of Negri, were discovered 1 AR Roman Republican and 1 AR from Hadrian. (Constantin Preda)

139 USSISHHKIN, D. Archaeological Sounding at Betar, Bar Kochba's Last Stronghold. *Tel-Aviv Vol. 2 No. 1* (1993) pp. 66-97.

On page 93 mention is made of the 6 coins found as a result of the soundings. They are a depiction of Antiochus III, 2 Putah coins of Alexander Jannaeus (anchor/wheel or diadem) 1 of Herod I and 2 unidentified copper coins. (Arnold Spaer)

NEAR AND MIDDLE EAST MEDIEVAL AND MODERN

140 BARAG, D. A Coin of Bagoas with a Representation of God on a Winged Wheel. *Qadmoniot* Vol. 25 Nos. 3-4 (1992) pp. 66-90, illus. In Hebrew.

The author reverts to the much discussed Drachm inscribed YHD (BMC p. 181, No. 29) and argues that the head on the obverse is that of Bagoas, the general of Artaxerxes III who was in charge of the Persian reconquest of Egypt and Palestine. The god on the reverse in the author's view is the God of Israel. He suggests that the coin was issued about 345-43 B.C. in Jerusalem, Gaza, or another mint in Judea or on the coast. (Arnold Spaer)

141 FISCHER, THOMAS. Illustration, description, and commentary of a recently acquired bronze coin at the Ruhr-Universität Bochum of Demetrius III from Damascus, dated 217 S.E. (Types of Newell, LSM no. 118; two monograms in the field l. are clearly marked). (Author)

142 The Israel Museum Journal, Vol. XI, (Spring 1993.)

On page 88 a Tetrachm of Year 1 of Bar Kokhba is illustrated in connection with notice that the museum has been given 158 coins of the Abraham Bromberg Collection of Jewish coins.

143 MAGEN, I. Samaritan Synagogues. *Qadmoniot* Vol. 25 Nos. 3-4 (1992) pp. 66-90 illus. In Hebrew.

Summary description of the coins found during excavations at 3 Samaritan synagogue sites in Samaria. Finds included numerous coins of the Hellenistic period down to Alexander Jannaeus, a few city issues of the 1st century A.D. and mainly Roman and Byzantine coins from Diocletian to Constant II. (Arnold Spaer)

144 MALEK, HODGE MEHDI. Xusro II or Xusro IV: a reply *ONSN* no. 137 (Summer 1993), 3 pp., illus.

Drachms attributed by some numismatists to the Sasanian king of Iran Xusro IV (A.D. 631-637?) are considered. The attribution of a drachm of "Xusro", mint YZ, year 2, to Xusro IV by Senior in *ONSN* 135 is disputed, as being properly attributed to Xusro II. The attribution of drachms with regnal years 4 to 7 to Xusro IV is also questioned. (Author)

145 MUTLU, S. Anadolu Medeniyetleri Müzesi Bizans Altın Sikkeleri Kataloğu [Catalogue of Examples of Ancient Greek Coins that were added to the Museum Collection in 1988] *Museum of Anatolian Civilizations Bulletin* 1988. Ankara (1989) pp. 67-81 and 6 plates.

146 TEKTÜZÜN, M. Roma Devri Nekropol Kurtarma Kazisi [Excavation of Saving the Roman Necropol.] *Türk Arkeoloji Dergisi*, Vol. 29 (1991) pp. 225-49.

This article is about 9 Roman coins from this excavation. (Omer Diler)

147 YACOBY, R. The Jew in Ancient Art from the 12th century B.C. to the 3rd century C.E. *Qadmoniot* Vol. 25, pp. 116-122, illus. In Hebrew.

On p. 120 Roman Sestertii depicting conquered nations, including Judaea, are illustrated. (Arnold Spaer)

FAR EAST

148 BANGJING, LI. On the Formats of Copper Cash Ten in One Cast by the Government of Hubei Province in the End of Qing Dynasty. *China Numismatics* No. 42, 3 (1993).

Analyzes and sorts out the format of Guang Xu Tong Bao copper cash ten in one cast by three mints of Hubei Province in the end of the Qing Dynasty. (Author)

149 CHENG, HUANG. On Copper Cash System in the End of the Qing Dynasty. *China Numismatics* No. 42, 3 (1993).

The machine-made copper cash system in the end of the Qing Dynasty was a new subsidiary system founded when the standard coin system collapsed. (Author)

150 CHUANDE, MA and YUAN, XU. An Investigation of "Cheng Dequan" Commemorative Coin. *China Numismatics* No. 42, 3 (1993).

The portrait on the so-called "Cheng Dequan" commemorative coin for the founding of a new state is not Cheng Dequan, but is Yuan Shikai. (Authors)

151 COWELL, M.R., CRIBB, J., BOWMAN, S.G.E. and SHASHOUA, Y. The Chinese cash composition and production in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 185-198, illus.

This paper summarizes the results of an analytical survey of the Chinese cash copper alloy coinage from the Han period (3rd century BC) to the end of the Ch'ing dynasty in the early 20th century. (Edward M. Besly)

152 JIANBING, DAI. The Turning Point of the Chinese Modern Currency System: Research on Machine-Made Standard Coins. *China Numismatics* No. 4, 3 (1993).

In order to save the currency of the late Qing Dynastic, the Qing Government sought to make coins by machine. These new coins proved a great shock to the modern currency system: they were copper instead of the standard coins, and the machine methods replaced the indigenous cast methods. (Author)

153 JINGYANG, LIU. The Currency of Fujian Province in the 1911 Revolution. *China Numismatics* No. 4, 3 (1993).

Researches and explains the background, kinds, issuing time and types of the currency printed and cast by Fujian Province in the 1911 Revolution. (Author)

154 KHAZAEI, HOUSHANG. Umajjadiske sølvmynter i Universitetets Mynkabinett-Oslo. [Reformed Omayyad Coinage in the Oslo Coin Cabinet.] *NNF-Nytt* No. 2, 1993, pp. 21-48, illus. In Norwegian and English.

A catalogue of 46 umayyad coins in the Oslo Coin Cabinet belonging to the period after the reform carried out by Abd al Malik in A.D. 698, is given. (Ulla Westermarck)

155 MA CHUAN-DE and XU YUAN. "Big Beard" definitely Yuan Shi Kai. *WCN* Vol. 20 No. 13 (June 21, 1993) pp. 16-17, illus.

The authors present evidence that a pattern commemorative dollar previously thought to bear a portrait of Chin Teh Chuen, governor of Kiangsu actually shows Yuan Shi Kai, president of the Republic. (Joseph E. Boling)

156 MA, TAK-WO. *Currency of Macau* (Hong Kong, Hong Kong Museum of History, 1987). 84 pp. illus in color. ISBN 962-7039-15-2. Bilingual (Chinese and English).

Notes and coins of Macau throughout her history are presented, including issues of *pangtans* (local merchants). World War II emergency issues are covered in detail not available elsewhere. (Joseph E. Boling)

157 MITCHELL, HOWARD and JOHNSON, JIM. New Zealand 1993-94 Coin Catalog. (Lower Hutt, New Zealand, Pacific Coin Company, Ltd. 1993). 48 pp. illus.

Coins, notes, trademen's tokens, communion tokens, and a few medalets of New Zealand are described and priced. (Joseph E. Boling)

158 PEOPLE'S BANK OF CHINA, FINANCE RESEARCH DEPARTMENT (eds). *Zi Ben Zhu Yi Guo Jia Zai Jiu Zhong Guo Fa Yin He Liu Tong De Huo Bi* [Banknotes Issued and Circulated by Capitalist Countries in Old China]. (Beijing, Cultural Publishing Co., 1992). 194 pp., illus. ISBN 7-5010-0616-4. In Chinese.

Synopses of the note issues of over forty banks and other emitters from about ten nations are presented. Many notes are illustrated, but few issuers are covered comprehensively. "Old China" in the title extends through World War II. (Joseph E. Boling)

159 QI, GU and KEKE, TANG. A Brief Research of the Coins Bearing National Emblem Design in the Early Years of the Republic of China. *China Numismatics* No. 42, 3 (1993).

The authors introduce two rare silver coins collected in Wuxi. (Authors)

160 SHICHANG, YE. On the Discussion about the Metal Standard System in the Early Years of the Republic of China. *China Numismatics* No. 42, 3 (1993).

Introduces the discussion about the metal standard system in the early time of the Republic of China. (Author)

161 SINGH, SARAN. *Malaya and Sarawak Rubber Export Coupons 1922-1942* (Kuala Lumpur, Malaysia Numismatic Society, 1990). 39 pp. illus.

The rubber export ration coupons and coagulant ration coupons of Malaya, the Straits Settlements, and several adjacent administrations are presented, with related history and documentation. The coupons were used to control the export of rubber in order to maintain the price on world markets. (Joseph E. Boling)

162 TALVIO, TUKKA. The earliest coin finds of Viking Age Finland. *NNÄ* 1991, pp. 55-62, illus.

The earliest coin finds in Finland consist of Islamic coins. The earliest hoards were buried around A.D. 840, whereas the majority of the grave finds date from the 10th century. (Ulla Westermark)

163 TANABE, KATSUMI. *Silk Road Coins: The Hirayama Collection*. (Kamakura, The Institute of Silk Road Studies, 1993). 116 pp., illus. Bilingual in Japanese and English.

A catalog of an exhibition composed of coins from the Hirayama collection and the British Museum is presented. The exhibit comprised coins commencing with Alexander the Great and extending across Asia to eastern India, and covering coinages up to the 8th century. Considerable attention is paid to the art and design of these

pieces.

(*Joseph E. Boling*)

164 WANG CHIEN YU and ZHOU ZHI LIANG. *Wang Yin Jia Pin Qian Lu* [Catalog of Rare Ancient Chinese Coins in the Wang Yin Yia Collection]. (Shanghai, Shanghai Archival Publishing Co., 1992). 218 pp. illus. ISBN 7-5325-1221-5.

Illustrations of about 200 coins, mostly Chinese cash, from the Wang Yin Jia collection, published to commemorate the 100th anniversary of Wang's birth. Wang was one of the "ten distinguished numismatists" of pre-War China. (*Joseph E. Boling*)

165 WEBER-BROHSAMER, BERNHARD. Sammlung Köhler-Osbahrn vol II/2: Vormünzliche Zahlungsmittel und aussergewöhnliche Geldformen aus Südostasien, Afrika, und anderen Teilen der Welt. Duisburg (Kultur-und Stadthistorisches Museum Duisburg) 1993, 150 pp. illus., ISBN 3-89279-995-4, ISSN 0939-1525.

Preceded by introductory commentaries a collection of 314 premonetary ingots and other payment objects, mainly from South-East-Asia, are being described and illustrated. It also includes Thai bahts and Larins from the Persian gulf and South Asia. (*Peter Ilisch*)

166 WICKS, ROBERT S. *Money, Markets, and Trade in Early Southeast Asia: The Development of Indigenous Monetary Systems to A.D. 1400*. (Ithaca, New York, Cornell University, 1992). 354 pp. illus. ISBN 0-87727-710-9.

The development of valuation systems and supporting monies in the region encompassing the arc from India across southern China to Vietnam and south through Malaysia, Indonesia, and the Philippines is presented. The author finds that many indigenous systems were cyclic, using metallic media and commodities in succession, and he attempts to discover the reasons for this apparent "backsliding." Traditional historians have overlooked many of these monetary systems because they did not survive to modern times. (*Joseph E. Boling*)

167 XINBIAO, SHI. Copper Sample of Gold Coin of Hong Xian Flying Dragon with a Signature. *China Numismatics* No. 42, 3 (1993).

GREAT BRITAIN AND IRELAND

168 ARCHIBALD, MARION M. The coins, in L. Keen and P. Hough, *Beeston Castle, Cheshire: a report on the excavations 1968-85*, pp. 132-134.

Forty six coins and jetons, c.1205-1955, are listed and discussed. (*Edward M. Besly*)

169 ARCHIBALD, MARION M. Dating Stephen's first type. *BNJ* 61 (1992), 9-22, illus.

The duration of King Stephen's first substantive coinage *BMC 1*, the "Watford" type, is considered anew, on the basis both of the relative order of its subtypes and of the historical context. It is suggested that the type was coined until 1142 and that the PERERIC coins are the first issue of the Empress Matilda and, with her type 1 issues, are to be placed in the summer of 1141. (Edward M. Besly)

170 ARCHIBALD, MARION M. Skandinavisk Ethelred-imitation funnen i England. [A Scandinavian Aethelred imitation found in England]. *SNi* No. 6 (1993) pp. 148-50 illus. In Swedish (transl. B. Malmer).

This coin, an imitation of the Long Cross type, was found in 1991 by metal detection in a field at Old Romney, Kent. No find of a Swedish coin from the Viking Age has previously been recorded in England. The coin was purchased by the British Museum in 1993. According to the methodological system of Brita Malmer in the forthcoming publication *The Sigtuna Coinage vol. 2 Commentationes NS* the mint has been identified as Sigtuna, and the dies are recorded in the relevant die-link of the "EDED0-group". The secondary use of the coin, converted into a brooch, is discussed. As the English provenance is of particular significance, further circumstances of different kinds are also discussed in the article. (Elsa Lindbeger)

171 BARCLAY, C.P. A Civil War hoard from Grewelthorpe, North Yorkshire, *BNJ* 61 (1992), 76-81, illus.

A find of 302 silver coins—primarily English issues of Elizabeth I, James I and Charles I—is described and discussed. The find is compared and contrasted with the Breckenbrough hoard and a date of deposition of 1644 postulated. The associated pottery is also discussed and the York mint coins contained in the hoard illustrated on a single plate. (Author)

172 BARCLAY, C.P. The origins of the Godless Florin, *Yorkshire Philosophical Society, Annual Report for the Year 1991* (York, 1992), pp. 51-61, illus.

The florin, or two-shilling piece, was introduced in 1849 as a first step toward decimalisation of the British monetary system. The origins and production of the coin, and the backlash against the omission of *Dei Gratia* and *Fidel Defensor* from the coin's inscription, are described. (Edward M. Besly)

173 BARNES, JULIAN. The pleasure in coins, *The Medal* no. 23 (Autumn 1993), pp. 88-90.

Describes the process and problems of designing new coinage in the United Kingdom: the new series of regional designs for the one pound coins, which begins in 1994. (Edward M. Besly)

174 BATESON, J. D. A late Seventeenth century hoard from Fauldhouse, West Lothian *BNJ* 61 (1992), 133-136.

This hoard of 179 silver coins was recovered on a building site in 1987. It consists mainly of English issues of Elizabeth I, James I and Charles I with only a few Scottish and Irish pieces; the remainder (38 coins) are mostly European "dollars". Probably hidden about 1675, it is representative of the currency then in use in Scotland and belongs to a group of similar hoards, possibly connected with Covenanting unrest, concealed between 1670 and 1685. (Author)

175 BATESON, J.D. The 1991 Kelso Treasure Trove, *BNJ* 61 (1992), 82-89.

This find of 1375 coins contained in a pot was made on a farm in the borders of south-east Scotland. Apart from 10 gold coins of James VI-I, the contents are silver coins, predominantly English, of the later sixteenth and seventeenth centuries. The hoard also includes 48 Scottish, 33 Irish and 121 coins of European origin. Many coins of Elizabeth and James I are clipped, while the number of bent pieces, especially Elizabeth sixpences and Irish Scottish coins, is also notable. Many earlier English coins appear to have deliberately scratched. Its large size, the inclusion of gold and the features noted are unusual in a find that is otherwise typical of Scottish hoards of the Civil War period. (Author)

176 BESLY, EDWARD and COWELL, MICHAEL. The metrology of the English Civil War coinages of Charles I. *BNL* 61 (1992) 57-75, illus.

Results of over 120 analyses of gold and silver coins from the 1625-49 and the English Civil War, and an extensive survey of the weights of surviving specimens, are presented. These demonstrate the extent to which the largely inexperienced operators of temporary wartime mints produced coins of acceptable weight and fineness. Systematic debasement is rare. Further analyses of Aberystwyth mint coins (1639-42) and the weights of siege issues are also considered. (Edward M. Besly)

177 BESLY, EDWARD. Further notes on the York Mint of Charles I, *BNJ* 61 (1992), 129-132, illus.

The study published in *BNJ* 54 is updated, notably regarding recent hoards and aspects of minting. No new dies have been found. The "base" half crowns of Tower and York type are now seen to be contemporary, on hoard evidence. York's mintmaster has been identified as William Martin, a local attorney. (Author)

178 BLACKBURN, MARK and NEWMAN, JOHN. A small hoard from Polstead, Suffolk deposited c. 1035, *BNJ* 61 (1992), 124-5, illus.

Four Anglo-Saxon coins of Cnut's Short Cross type found with a fifth, possibly associated, coin of Aethelred II's Helmet type. (Authors)

179 BLACKBURN, MARK and ROGERSON, ANDREW. A small purse hoard of Harthacnut coins from Bowthorpe, Northfolk, *BNJ*, 125-6 illus.

Three Anglo-Saxon coins of Harthacnut's Arm and Sceptre type. (Authors)

- 180 CHALLIS, C. E.** Presidential Address *BNJ* 61 (1992), 164-176.

The Presidential Address to the British Numismatic Society includes at pp. 167-176 a new assessment of the career of Henry Slingsby, Master-worker of the Tower Mint, London, from 1662 until 1680.
(Edward M. Besly)

- 181 EGAN, GEOFF.** Alnage seals and the national coinage-some parallels in design, *BNJ* 61 (1992), 31-36 illus.

The Alnager, the inspector of newly woven cloths, was an officer of the English crown. From at least the sixteenth century onwards, many of the dies he used in sealing the cloths examined were cut under the same arrangements, and possibly by the same craftsmen, as dies for the national coinage. Attention is drawn to instances of closely parallel designs, though at most periods the majority are different. (Edward M. Besly)

- 182 GREENALL, PHILIP D.** Dividing Seventeenth-century tokens between London and Middlesex, *BNJ* 61 (1992), 90-123, illus.

Philip Greenall shows that the current division used by Boyne, Williamson and Dickinson of issues of seventeenth-trade tokens between "London" and "Middlesex" creates inconsistencies and difficulties, which he discusses. He then proposes a better division, used a "Green Belt" or "cordon numismatique" to form three defined areas "City of London", "Metropolitan Middlesex", and "Rural Middlesex". A long appendix by Stella Greenall, Robert Thompson and Michael Dickinson lists places currently known from tokens into these three areas, adding a fourth group of "Uncertains". It identifies numerous places named in tokens but not previously listed. The subsequent development of places listed is also indicated. (S.M. Greenall)

- 183 MANVILLE, H. E. and GASPAR, P. P.** Two Seventeenth-century die-sinking errors, *BNJ* 61 (1992) 137-139, illus.

Three Commonwealth coins showing the mis-spelling "Commonwealth" and a Scots forty-shillings of William and Mary, 2693 with error spelling GVLIEMVS are published.
(Edward M. Besly)

- 184 MINNITT, STEPHEN.** A hoard of counterfeit Louis XI coins from Taunton, Somerset, in M.M. Archibald and M.R. Cowell (eds.), *Metallurgy in Numismatics 3*, Royal Numismatic Society Special Publication no. 24 (London, 1993), pp. 99-107, illus.

A hoard comprising 39 counterfeit blancs au soleil of Louis XI of France (1461-83), 40 blank discs, and copper alloy fragments from the production of blanks, is discussed. The counterfeits were shown by analyses to consist of latten with a surface coating of tin.
(Edward M. Besly)

- 185 MURRAY, JOAN E. L.** The location of Edinburgh mint, 1358 to 1363 and Linlithgow mint, *BNJ* 61 (1992), 126-9.

The mint house in Edinburgh is shown to have remained in the same location, near the churchyard gates, from 1358 to 1463 and probably later, although different recipients of rents had suggested otherwise. The minting at Linlithgow probably took place in a property in the burgh, of which the royal occupation is attested for two and a half years from 1433 to 1435. (Author)

186 NORTH, J. J. The early Irish pence of Edward I reclassified. *BNJ* 61 (1992), 23-30, illus.

An examination of the punches used in the preparation of the dies for the trefoil marked Irish pence of Edward I's new coinage reveals that a number of these were also used on English dies of class 3g and allows a new chronology to be postulated. This divides the coins of the series into four groups and demonstrates that some of the features considered late in the existing classification are probably early. (Author)

187 STEVENSON, ROBERT B. K. The groat coinage of James V, 1526-38, *BNJ* 61 (1992), 37-56, illus.

In this intensive study of the last of the Scottish groat coinages, all known obverse dies of groats and one-third groats are described and illustrated. By detailed observation of letter punches and other small features of the design, the author builds up the likely sequence of varieties in a series consisting mainly of superficially similar coins.

(Lord Stewartby)
188 STEWART, SIR IAN. Moneyers in the 1130 Pipe Roll. *BNJ* 61 (1992), 1-8.

Several names in the surviving Pipe Roll from the Norman period are identified as moneyers whose coins are known as Henry I or Stephen. The connection between the punishment of moneyers at Christmas 1124 and the minting reforms of the later years of Henry I is further considered. (Author)

WESTERN AND CENTRAL EUROPE

189 ABADIA DOÑATE, J.C. El Reino de Zeregozo: el interregno. Algunas observaciones. *III Jarique de Numismática hispano-éreb*, Museo Arqueológico Nacional de Madrid. (1992) pp. 347-54.

190 AERTS, ERIK. Geld en krediet. Brugge als financieel centrum [Money and credit. Bruges as a financial centre] *Brugge en Europa* V. Vermeersch, ed. (Antwerpen, Mercatorfonds, 1992) pp. 57-71 and 419-20.

191 AERTS, ERIK. Wisselruiterij in de Lage Landen. [Check kiting in the Low Countries] De wisselbrief op de Brugse geldmarkt tijdens de late Middeleeuwen. *Ter beurze, geschiedenis van de aandelenhandel in België, 1300-1990*,

G. De Clercq, ed. (Brugge-Antwerpen, 1992) pp. 33-47 and 442-4.

The use of the bill of exchange at Bruges (Belgium) at the end of the Middle Ages is discussed.
(Johan van Hoersch)

192 ALENTORN VILA, J. La iconografía de personajes y temas de los descubrimientos en las monedas, medallas y papel moneda españoles. *España y Génova*. 1992. (1992) 192-207.

193 ALFARD ASINS, C. Le colección de moneda hispano-árabe del MAN de Madrid. *III Jarique de Numismática hispano-árabe*. Museum Arqueológico Nacional de Madrid (1992) pp. 39-76.

194 ALTHOFF, RALF. Ein 1/24-Taler 1755 des münsterischen Bischof Clemens August von Bayern (1719-61). *NNB* 42, 1993, p. 5, illus.

An unknown 1/24 Reichstaler 1755 of the bishopric of Münster is described.
(Peter Ilisch)

195 ARNOLD, THOMAS. Die Erfurter Hohlpfenningprägung bis 1350. *NNB* 42, 1993, pp. 36-47, ill.

The striking of hohlpennigs in Erfurt from supposedly c. 1335/1340 is discussed in the context of the abolition of annual coinage renovations. Issues with a bishop's head are considered as struck by the city for payments to the Mainz archbishop in parallel with those with a wheel, until in 1354 when the mint became completely owned by the city.
(Peter Ilisch)

196 ARDEVAN, RADU. Noi descoperiri monetare antice la Gherla [New Ancient Monetary Discovery at Gherla]. *BSNR* Vol. 80-85 (1992) pp. 281-87 illus. French summary.

Just near the Roman camp near Gherla and in the camp itself 140 ancient coins were discovered. Among them were 5 drachms from Dyrrhachium, 118 Roman Imperial coins from the 1st to 3rd centuries, 3 Roman Imperial coins from the 4th century (Constantius II and Valens) and also 14 unidentified coins. (Constantin Preda)

197 ARIZA ARMADA, A. Un tesarillo de Dirhemes de Beene (Córdoba). *Gaceta Numismática*, 109 Asociación Numismática Española, Barcelona. (1993) pp. 33-39.

198 ARIZA CREMADA, A. Un "quirate" almohade enánimo, ecunado en Cueta. *III Jarique de Numismática hispano-árabe* Museo Arqueológico Nacional de Madrid. (1992) pp. 355-372.

199 ARNOLD, PAUL. Vom Taler zu Mark. Vortrag anlässlich der Eröffnung der Ausstellung am 18. Januar 1993 in Dresden. (Dresdner

Kunstbl Vol. 37) No. 2 1993, S. 61-67.

This discusses the beginning and development of the taler in Germany. (Author)

200 BALAGUER, A.M. Dos reformas monetarias de los Reyes Católicos en Castilla 1475 y 1497 y una panorámica de la moneda en la corona Catalano-Aragonesa a la víspera del descubrimiento de América. *Gaceta Numismática*, 108. Asociación Numismática Española, Barcelona.

201 BATES, M.L. Spanish islamic coins in the collection of the ANS and the HSA. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 77-90.

202 BATES, M.L. The coinage of Spain under the Umayyad Caliphs of the East. 711-50. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) 271-90.

203 BENDIXEN, KIRSTEN. Skatten fra Lundby Krat. De danske mønter. [The Danish Coins from the Lundby Krat Hoard.] Copenhagen (1993). 75 pp. incl. 6 pls., 12 figs. English summary.

The Lundby Krat hoard, found in 1980 at Northern Jutland south of Aalborg, contains 118 Danish coins; five from Olof Hunger (1086-95) and the remaining ones from his successor Erik Ejegod (1095-1103.) In this detailed study many aspects on the coinage such as dies, mints, moneyers, coin types and the historical background are dealt with. All coins are illustrated. (Ulla Westermarck)

204 BERCIU-DRAGHICEANU, ADINA. Repertoriul descoperirilor monetare de pe teritoriul Moldovi (sec. XIV-XVI) [The Catalogue of the Monetary Discoveries on Moldavia XIV-XVIth Centuries]. *CSSAI* Vol. 2 (1990) pp. 54-92.

This is a catalogue of the monetary discoveries from the 14th-16th centuries in the regions which belonged to the Medieval Moldavia (now the territory of Moldavia, Romania and Ukraina.) (Constantin Preda)

205 BERGA, TATJANA. Der Münzschatz Ledurga II. In Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 295-99, illus. ISBN3-7995-4144-6.

The Ledurga II hoard of West European coins is redated to after 1068. Its contents and hoards with West European coins in Latvia in general are surveyed. (Peter Ilisch)

206 BERGER, FRANK. Die mittelalterlichen Brakeaten im Kestner-Museum Hannover. Hannover (Kestner-Museum) 199 7 pp. illus.

2750 12th to 15th century coins struck uniface in bracteate technique, mostly from Northern and Eastern Germany, are included in this sylloge type collection catalogue. Also included by type are biface coins represented in the Bokel hoard. The majority of the described pieces are dated from the 12th and 13th century. (Peter Ilisch)

207 BLACKBURN, MARK. Coin circulation in Germany during the early middle ages. The evidence of single-finds. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990.* Ed. by Bernd Kluge. *Berliner Numismatischer Forschungen N.F. vol. 1*, Sigmaringen (Jan Thorbecke Verlage) 1993, pp. 37-54, ISBN3-7995-4144-6. (Peter Ilisch)

208 BERGHAUS, PETER. Phasen und Schwankungen des Exports deutscher Münzen des 10. und 11. Jahrhunderts in das Ostseegebiet am Beispiel Duisburg. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990.* Ed. by Bernd Kluge. *Berliner Numismatische Forschungen NF. vol.1*, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 141-52, ISBN3-7995-4144-6.

The author gives the numbers for the various 11th century coin types of Duisburg and compares them with published die numbers of German viking age coins and discusses these as a means to judge the quota of coins exported to the Baltic sea area. (Peter Ilisch)

209 CALLATAÏ FRANÇOIS DE. Un multiple inédit pour le règne d'Albert et Isabelle. *RBN Vol. 138* (1992) pp. 1129, 135 illus.

The Coin Cabinet at Brussels has recently bought an unique quadruple ducatoon struck at Brussels in 1619 under Albert and Isabella. It gives opportunity to publish all these multiples in silver. A special attention is devoted to metrology. (Author)

210 CANO AVILA, P. Dirhemes califales helleados cerca de Alcaudata (Jaén). *Jarique de Numismática hispano-árabe.* Museo Arqueológico Nacional de Madrid. (1992) pp. 299-312.

211 CHINCHILLA GOMEZ, M. Alcancias hispano-árabes en el MAN. *III Jarique de Numismática hispano-árabe* Museo Arqueológico Nacional de Madrid. (1992) pp. 259-70.

212 COLLINET, P. Convention internationale de Geneve du 20 avril 1929 concernant la repression du faux monnayage. *Vie num Vol. 42 No. 9* (1992) pp. 302-3.

213 COLLINET, P. Fausses pieces d'argent de 5 francs. *Vie num Vol. 42 No. 9* (1992) pp. 299-300 illus.

Concerns coins of the Belgian king Leopold II (19th century). (Johan van Heesch)

214 COLLINET, P. La situation monétaire en Belgique au lendemain de la seconde guerre mondiale. *Vie num* Vol. 42 No. 10 (1992) pp. 335-9.

215 COULON, G. and LACROIX, M.-T. *Les fouilles archeologiques de Saint-Andre a Tournai*. Un habitat religieux en evolution: Hopital (env. 1230-1611), Monastere (1611-1796), Pensionnat (1801-1940). Publ. d'hist. de l'art et d'archeologie de l'Universite Catholique de Louvain No. 76 (Louvain-la Neuve, 1990) 148 pp.

On pp. 132-3 some coins and medals (14th-19th century) found during the excavations at Tournai (Belgium) are described. (Johan van Heesch)

216 CRIAN, I.H. Un mormant din sec. V e.n. de la Fintinele [A Fifty Century A.D. Tomb at Fintinele.] *Ephemeris Napocensis* Vol. 1 (1991) pp. 113-24. English summary.

In a fifth century tomb discovered at Fintinele, Bistrita Nasahd County-Transylvanie) was found a bronze coin from Constans. This coin was struck at Siscia. (Constantin Preda)

217 CRUSAFONT I SABATER, M. Circulacion de moneda castellana en Calaunya en el siglo XVI. El hellazgo del Vallés. *Gaceta Numismatica*, 109 Asociación Numismática Española, Barcelona. (1993) pp. 5-17.

218 CRUSAFONT, M. Le moneda en la Corona Catalana-Aragonese y en el Mediterraneo Oriental en le época de los descubrimientos. *España y Génova Expo Genova 92*, (1992) pp. 61-74.

219 CUSTUREA, IOANA and CUSTUREA, GABRIEL. Aspecte ale circulatiei monetare în Dobrogea în sec. XV-XVIII. [Aspects of the Monetary Circulation in Dobroudja in the XVth-XVIIIth Centuries.] *BSNR* Vol. 80-85 (1992) pp. 161-74 illus. English summary.

In Dobroudja there are several discoveries of foreign medieval coins from the XVth-XVIIIth centuries. Now, the authors publish 242 coins from the coins Collection of the History Museum from Constanta. Most of them are Polish-Lithuanian issues from Vladislav Varnensis to Stanislav Poniatovski. There are, also, a few Hungarian, Prussian and Swedish coins. (Constantin Preda)

220 DAXHELET, ADRIEN. Les deniers à tete casquée émis à Antioche sous Bohemond III at Bohemond IV. *JEListeFPL* no. 149 (December 1992) pp. 21-32, illus.

A detailed account of the varieties noted on a unprovenanced lot of 138 deniers of Bohemond III (1149-1201) and IV of Antioch (1201-1232) is given.

(Johan van Heesch)

221 DENAYER, A. L'escalin au paon *Vie num* Vol. 42 No. 9 (1992) pp. 289-97.

222 DENAYER, A. Fontaine l'évêque siege d'un atelier monetaire au XVe siecle? *Vie num* Vol. 42 No. 8 (1992) pp. 247-51.

223 DENAYER, A. Monnaie de nécessité de l'hôpital Sainte-Catherine, emise à Leyde en 1573, *Vie num* Vol. 42 No. 3 (1992) pp. 79-81.

224 DENIS, J.P. Monnayage et monnayeurs dans le Pays de Liège *Vie num* Vol. 42 No. 2 and 3 (1992) pp. 55-61 and 90-6.

Describes how coins were made and gives a concise history of the coinage of the bishopric of Liège in Belgium (authority to coin, organization, of the mint, etc.

(Edward M. Besly)

225 DOMENECH BELDA, C.; and TRELIS MARTI, J. Hallezgos numismáticos de época islámica en Crevillente (Alicenta). *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) 132-242.

226 DOMINGUEZ BELDA, C. Revisión de un hallezgo de monedas árabes de Elche (Alicente) *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 132-242.

227 DOTY, R.G. Hispano-arab coins in the National Numismatic Collection (Smithsonian Institution) *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid (1992) pp. 141-44.

228 DRUART, JACQUES. L'Islande, première démocratie européenne. *Vie num* Vol. 42 No. 7 (1992) pp. 216-9.

The author describes three commemorative coins of Iceland struck in 1930 to celebrate the creation of their parliament, the Althing, in A.D. 930. (Johan van Heesch)

229 EGGERT, EDWIN. Der älteste Doppeltaler der Münzstätte Königsberg. *NNB* 42, 1993, S.257-58, illus.

A double taler of the duchy of Prussia 1586 from the St. Petersburg Ermitage is published. (Peter Ilisch)

230 FEVEILE, CLAUS and JENSEN, STIG. Sceattasfundene fra Ribe [The finds of Sceattas from Ribe]. *NNUM* No. 5 (1993) pp. 74-80. 6 figs.

In Danish.

The authors present the finds of sceattas from the recent excavations at Ribe in 1990-91 without taking part in the numismatic discussion about Ribe as a mint. The stratigraphic distribution of the 55 new sceattas show that 11 coins belong to the period ca. 705-21/22 and 44 coins, of which 99 per cent are of the Wodan monster type, to the period c. 721/2-800.
(Ulla Westermark)

231 FONTENLA BALLESTA, S. Hellezgos monetaris nezeles en el valle del Guadalentin. *Gaceta Numismática*, 108 Asociación Numismaica Española, Barcelona. (1993) pp. 57-59.

232 FONTENLA BALLESTA, S. Los tesorillos nazaríes de la Risca de Macael Viejo. *III Jarique de Numismática hispano-árabe. Museo Arqueológico Nacional de Madrid*. (1992) pp. 377-87.

233 FRERE, HUBERT. Une préfiguration de l'Europe, la monnaie de l'empire carolingien. *Vie num* Vol. 42 No. 7 (1992) pp. 211-5.

234 FRONCHOSO SANCHEZ, R.; MOREND GARRIDO, M.J.; and GODOY DELGADO, F. Nuevo tesorillo hispano-musulmen hallado en la barriada del Perque Cruz Conde de Cirdibe, *III Jarique de Numismática hispano-árabe. Museo Arqueológico Nacional de Madrid*. (1992) pp. 219-230.

235 FRONCHOSO, R. Les monedes de Medina el-Zehre. *III Jarique de Numismática hispano-árabe. Museo Arqueológico Nacional de Madrid*. (1992) pp. 325-32.

236 GOLABIEWSKY-LANNBY, MONICA. Geogsmynt (St. George coins) *SNT* No. 7, 1993, pp. 176-84, illus. In Swedish.

The author describes a number of St. George coins in the collection of the Royal Coin Cabinet, Stockholm. A catalogue of all documented finds of such coins from Sweden is added.
(Ulla Westermark)

237 GRIERSON, PHILIP. The coinages of Norman Apulia and Sicily in their international setting. *Anglo-Norman Studies* Vol. 15 (1993) pp. 117-33 illus.

A description of the various coinages struck by the Normans in south Italy and Sicily, and the elements from which they derived.
(Author)

238 GRINDER-HANSEN, KJELD. Some reflections on the reasons for the depositing and recovery of hoards. *NNÁ* 1991, (pr. 1992), pp. 103-22, illus.

The author discusses two essential problems connected with hoards from the Danish Middle Ages (A.D. c. 1050-1550): why they were buried and when and how they were

recovered in modern times. He finds that the recovery of hoards is closely connected with the development of the cultural geography of a country or an area.
(Ulla Westermarck)

239 GULLBECK, SVEIN H. Some aspects of coin import to Norway and coin circulation in the late Viking Age. *NNÅ* 1991 (pr. 1992), pp. 63-87, tables I-V.

The author investigates the teak marks (pecks) on English pennies in nine Norwegian hoards from the period 997-1050. Hoards whose most recent coins are English and/or Danish contain many unpecked specimens, whereas hoards in which the most recent coins are German have only a few unpecked specimens. This reflects different import routes and circulation areas.
(Ulla Westermarck)

240 HÄGERMANN, DIETER. 1100 Jahre Münze, Markt und Zoll in Bremen. *Bremisches Jahrbuch* 69, 1990, pp. 21-44.

The privilege of 888 granting the right of mintage, market and toll to the archbishops of Bremen is discussed mainly in its general historical context. A participation of the Corvey abbey, which had achieved similar right in 833, is being supposed.
(Peter Ilisch)

241 HAERTLE, CLEMENS MARIA. Die Münzen und Medaillen des Stiftes und der Stadt Kempten. Bestands-, Typen- und Variantenkatalog des Allgäuer Heimatmuseums Museum für Kunst und Kulturgeschichte. Vol. 2 of Bestandskataloge der Museum der Stadt Kempten, Kempten (Verlag Tobias Dannheimer) 459 99., illus., ISBN3-88881-014-0.

A history of the coin collections of the princely abbots of Kempten, robbed in 1809, and of the city of Kempten, thus from the 2nd to the 20th century, is given, including not only the specimens of the Kempten museum but also those from major collections.
(Peter Ilisch)

242 HAHN, WOLFGANG. Das Herzogtum Bayern in der Münzpolitik der salischen Könige. In *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990.* Ed. by Bernd Kluge. *Berliner Numismatische Forschungen N.F. vol.* Sigmaringen (Jan Thorbecke Verlag) 1993m pp. 73-87, illus. ISBN3-7995-4144-6.
(Peter Ilisch)

243 HAMMER, PETER. *Metall und Münze.* Leipzig, Stuttgart: Deutscher Verlag für Grundstoffindustrie 1993. 308 pp. 1218 illus.

The author discusses in detail matters related to mints. A thorough index, tables, and bibliographical complete this book.
(Paul Arnold)

244 HATZ, GERT. Zur Münzprägung in Erzbistum Hamburg-Bremen in der Salierzeit. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen*

Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 173-88, illus., ISBN3-7995-4144-6. (Peter Ilisch)

245 HATZ, VERA. Zu den in Schweden gefundenen Otto-Adelheid-Pfennigen. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen om sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berlinger Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 243-50, illus. ISBN3-7995-4144-6.

The representation of Otto-Adelheid-pfennigs in Swedish hoards is surveyed and the questions of their dating (983- or 991- ?) and medium weights are discussed. It is concluded that types II and III occur in parallel and precede type IV and I. In weight the sequence is type III, IV, V. (Peter Ilisch)

246 HENNEQUIN, G. Les monnaies andalouses dans les collections publiques françaises. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 91-100.

247 HESS, WOLFGANG. Pfennigwährung und Geldumlauf im Reichsgebiet zur Zeit der Ottonen und Salier. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer and salischer Zeit. Ergebnisse des Dannenberger-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 17-35, illus. ISBN3-7995-4144-6.

(Peter Ilisch)

248 HUSSONG, ULRICH. Siegel und Wappen der Stadt Duderstadt in *Niedersächsisches Jahrbuch für Landesgeschichte* (Hannover, 1992) vol. 64, pp. 207-48.

The author discusses the history of the arms of the city of Duderstadt in Lower Saxony, as depicted on the various seals of the town and its agencies, such as the police and fire departments. One of the seals is on an emergency money (*Notgeld*) issue of 24 October 1923, for a thousand million marks. (John M. Kleeberg)

249 HYÖTYNIEMI, YRJÖ. Myntprägling i Viborg? [Coin minting at Viborg?] *NNUM* No. 8, (1993), pp. 138-43, illus.

Departing from a bracteate of uncertain attribution, the author considers the possibilities that coin might have been struck at Viborg, Finland, an important castle and commercial centre, in the 15th century. (Ulla Westermarck)

250 IBAÑEZ ARTICA, M.; BERGUA ARNEDA, J.; LIZARRAGA ZRIZMENDI, J. *Historie de la Moneda de Naverre, 2 volumen*. Pamplona. (1991)

pp. 288-338.

251 IBRAHIM, T. Adciones el oro del celifato omeya de Córdoba. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 313-24.

252 IBRAHIM, T. La colección de improntes del I V D J. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) 243-54.

253 ILIESCU, OCTAVIAN. Cu privire la tezaurul de la Văcăreni [About the hoard of Văcăreni] *BSNR* Vol. 80-85 (1992) pp. 117-23. French summary.

The author gives more details about the medieval coin hoard discovered in 1971 at Vacareni, Tulcea County, Dobroudja. As a result of these specifications we know that the hoard contains 225 Ducats from the Romanian Princes Mircea the Old and Vlad I, 11 Grosses from Sracimir from Vidin, 1 Mongolian Dirnhem from Ordu Milik (1361) and 4 Ottoman Aspers from Bayezid I.

(Constantin Preda)

254 ILIESCU, OCTAVIAN. Societatea numismatică română în primul an de activitate [The Romanian Numismatic Society in the First Year of Activity]. *BSNR* Vol. 80-85 (1992) pp. 11-25. French summary.

The author presents an analysis of the social and professional structure of the Romanian Numismatic Society at the end of the first year of its activity. (Constantin Preda)

255 ILISCH, PETER and JONSSON, KENNETH. En ärkebiskoplig mynttyp präglad i Bremen? [An archiepiscopal coin type struck at Bremen?] *NNUM* No. 7 (1993), pp. 120-25, illus. In Swedish.

The article discusses a coin type (Dbg 1777), earlier identified as an imitation of a coin struck for archbishop Eberhard (c. 1047) at Trier. On the basis of a study of an extensive hoard material from Scandinavia and eastern Europe, the context and the chronology of the finds are analyzed. The authors suggest that the coin type Dbg 1777 may have been struck for the powerful archbishop Adalbert (1043-1072) of Bremen.

(Elsa Lindberger)

256 ILIISCH, PETER. Die Schatzfunde von Werlte und Remscheid. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol, Sigmaringen (Jan Thorbecke Verlag) 1993. pp. 153-71, illus. ISBN3-7995-4144-6.

From a hoard found in 1829 in Werlte only six pieces survived which show that it contained immobilized coins of the Ottonian Cologne-type. The geographical

distribution of such anonymous coins hitherto attributed to Minden shows that they have at least partly to be reattributed to Münster, filling the gap between 996 and c. 1080. In 1930/31 another hoard was found in Remscheid (t.p.q. 1079) part of which became the property of the Remscheid museum and was published by W. Hävernack in 1938. The larger part (451 coins) was bought by a collector who had promised to publish this separately, but never did. Now both parts are being published and it can be shown that the selection of the coins by the collector had largely distorted the composition in the published museum part. 56 per cent of the find belongs to the anonymous Westphalian Cologne-type, the remainder is from Cologne with some coins from Dortmund and one from Duisburg. The coins are being described and the dies analyzed. In respect to weight the Remscheid hoard can be split into heavy pfennigs from Cologne and lighter ones from Westphalia. (Author)

257 INGVALDSEN, HÅKON. The coins from "Samson"—a 200 Year-old shipwreck. *NNÅ* 1991 (pr. 1992), pp. 171-89, illus.

3807 coins from the brig "Samson" which was wrecked at the south coast of Norway in 1787 were recovered in 1988-89. The coins are Danish-Norwegian currency from the period 1626-1786. A complete recording of the coins is added. (Ulla Westermark)

258 JENSEN, JORGEN STEEN. Letters to Christian Jürgensen Thomsen from foreign numismatists in The Royal Collection of Coins and Medals. *NNÅ* 1987-88 (pr. 1992) pp. 107-12, illus.

A list of the numismatists, who wrote the letters, is given in alphabetical order. (The letters themselves are not published). (Ulla Westermark)

259 JENSEN, JORGEN STEEN. Norwegian coins in Danish monetary circulation in the 17th and early 18th century. *NNÅ* 1991, (pr. 1992) pp. 153-69, illus.

The author demonstrates that Norwegian coins formed an important part of the monetary circulation in Denmark. Thus, the numismatic material does not support the opinion that the coin circulation of the two countries was heavily dominated by Denmark. (Ulla Westermark)

260 JENSEN, JORGEN STEEN. Deutsche Münzen des 10. und 11. Jahrhunderts als Einzelfunde in Dänemark. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 251-54, ISBN3-7995-4144-6.

German viking-age coins found as single-finds in Denmark are being surveyed and a provisional list of 45 such coins is given. (Peter Ilisch)

261 JONSSON, KENNETH. The routes for the importation of German and English coins to the Northern Lands in the Viking age. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990.* Ed. by Bernd Kluge. *Berliner Numismatische Forschungen N.F. vol. 1*, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 205-32, ISBN3-7995-4144-6. (Peter Ilisch)

262 JONSSON, KENNETH. A new Norwegian Viking Age coin type and other Norwegian coins found in Sweden, *NNA* 1991 (pr. 1992), pp. 89-102, illus.

The author surveys the Norwegian coins from the Viking Age found in Sweden after 1976. A find from Skara made in 1991 includes a new type, which the author attributes to the end of the reign of the Norwegian king Olav Kyrre (1067-1093.)
(Ulla Westermark)

263 KASSIS, H. Remarks on the North African Islamic Numismatic collections. *III Jarique de Numismática hispano-árabe.* Museo Arqueológico Nacional de Madrid. (1992) pp. 101-6.

264 KLACKENBERG, HENRIK. Penningar bla—franska, nrsska eller svenska? [Paenningar bla -- French, Norwegian or Swedish?] Monetary circulation in western Sweden 1150-1250. *NNA* 1991, (pr. 1992) pp. 123-40, illus. In Swedish with English summary.

Paenningar bla are recorded in the Skara chronicle, compiled in the 1240s. The author interprets the expression as meaning black pennies, referring to the debased Norwegian coins, which circulated in western Sweden in the time of the chronicles in the 1240s. He assumes that the chronicler used the same expression also for earlier bracteates minted at Lödöse and in Norway in the 12th century.
(Ulla Westermark)

265 KLEIN, ULRICH. Die Münzprägung im südwestlichen Schwaben. Stand und Aufgaben der Forschung. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990.* Ed. by Bernd Kluge. *Berliner Numismatische Forschungen N.F. vol. 1*, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 89-109, illus., ISBN3-7995-4144-6. (Peter Ilisch)

266 KLEIN, ULRICH. Dominus Lodevicus und Lodovicus. Zur Goldguldenprägung der Burggrafen von Hammerstein. *GN* 28, 1993, no. 158, pp. 258-60, illus.

Die comparison shows that golden guilders of the Florentine type in the name of a Ludovicus, partly previously also attributed to the seigneurie of Horn, with an h or a hammer in the end of the legend or no specific sign belong to the mint of Ludwig V. burgrave of Hammerstein.
(Peter Ilisch)

267 KLUGE, BERND. HILDENESHEM und MVNDBVRC. Bishof Bernward also Münzer. In: Bernward von Hildesheim und das Zeitalter der Ottonen. Katalog der Ausstellung Hildesheim 1993, pub. by Michael Brandt and Arne Eggebrecht. Vol. 1. Hildesheim (Bernward-Verlag) and Mainz (Verlag Philipp von Zabern) 1993, pp. 323-35, illus.

The coins of bishop Bernward of Hildesheim (993-1022) from the mints of Hildesheim and Mundburg are analyzed in their historical context and find distribution. A die analysis is also given. The author supposes that coins struck in the name of the Saxon duke Bernhard hitherto attributed to Lüneburg and others in the name of the count Heinrich were also struck in Mundburg. (*Peter Ilisch*)

268 KLUGE, BERND. Umriss der deutschen Münzgeschichte in ottonischer und salischer Zeit. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 1-16, illus., ISBN3-7995-4144-6. (*Peter Ilisch*)

269 KROMANN, ANNE and JENSEN, JØRGEN STEEN. Guldfundet fra Lundeborg [The gold find from Lundeborg]. *NNUM* No. 6 (1993) pp. 104-08. Illus.

A curious medal is, according to its inscription, made in 1585 of gold from a treasure trove from Lundeborg. Nothing more is known of the find, but it comes from an area on South Pyn which has yielded Denmark's richest gold hoards from the Iron Age. (*Ulla Westermarck*)

270 KROMANN, ANNE and JENSEN, JØRGEN STEEN. Den danske krone. [The Danish Crown coin.] *Nationalmuseets Arbejdsmark* 1992, pp. 133-43, illus. In Danish. English summary.

In January 1993 a new Danish *krone* [crown coin] was introduced together with a 2-kroner piece. These coins completed the monetary reform which was initiated in 1989 and which has resulted in a coherent monetary system. The authors give also a historical survey of the *krone* motif in Danish coinage. (*Ulla Westermarck*)

271 KUHN, WALTER. Die Erfurter Sargpfenige aus dem Jahre 1525. Spekulation und Wirklichkeit. *GN* 28, 1993, no. 156, pp. 155-58, illus.

Traditionally various types of pfennigs were connected with reports from the seventeenth century that the silver shrines of two saints were melted down after the peasant uprising of 1525 in order to strike coinage. The author analyses these coin types as well as contemporary reports and shows that the legend is an unhistoric legend/mystery. Although the city of Erfurt in 1525 had to pay large amounts of money these cannot be connected to any specific coin type. (*Peter Ilisch*)

272 LAGERQVIST, LARS. Sa Sunnivas mynt. *NNÅ* 1991 (pr. 1992) pp.

141-52, illus. In Swedish with English summary.

A quarter penny of a new type was found in 1954 at Helsingborg, Scania. It was later lost but is documented by a photograph. It was struck for the Norwegian king Eric Magnusson (1280-99) at Bergen. The poorly preserved obverse picture is here interpreted as a representation of Sunniva, the patron saint of the Bergen cathedral.

(Ulla Westermarck)

273 LAGERQVIST, LARS. Myntningen i Stockholm under medeltiden. [The minting in Stockholm during the Medieval Ages.] *Sankt Eriks Jarsbok* (1993) pp. 1290-15 illus. In Swedish.

The author surveys the minting in Stockholm from ca. 1290, when the mint was first established, to the beginning of the 16th century.

(Ulla Westermarck)

274 LEIMUS, IVAR. Einige Bemerkungen zu den Wormser Denaren vom Typ Dannenberg 845. In: *Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit, Ergebnisse des Dannenberg-Kolloquiums 1990*. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1 Sigmaringen (Jan Thorbecke Verlag) 1993, ISBN3-7995-4144-6.

The author analyzes the type Dbg. 845 from Worms, originally struck by Heinrich II (1002-24), but then immobilized and is able to attribute three varieties to consecutive time periods.

(Peter Ilisch)

275 LINDBERGER, ELSA. Gittelde i svenska fynd. [The presence of Gittelde coins in finds from the Viking Age in Sweden, as regarded from time to time]. No. 7 (1993), pp. 126-8 illus. In Swedish.

The article presents a coin recently acquired by the Royal Coin Cabinet, Stockholm, and struck at Gittelse c. 1040, type "Heiligenkopf" Dbg. 1310. The peculiar circumstances of this "find" and the presence of coins from Gittelse in general are discussed. The coin material as known to Ms. Jammer in her dissertation of 1952 is compared with our wider knowledge today due to her research and to that of other German scholars.

(Ulla Westermarck)

276 LIPS, H. Richesse numismatique des oceans. *Vie num* VI. 42 No. 3 (1992) pp. 85-9.

A general survey of important numismatic discoveries found on the bottom of the sea is given.

(Johan van Heesch)

277 LIPS, H. Louis Bonaparte premier roi de Hollande. *Vie num* Vol. 42 No. 8 (1992) pp. 257-64.

A short note on the history and coinage of Louis Bonaparte, king of Holland, is given.

(Johan van Heesch)

278 LLOBET I PORTELLA, J.M. Documents per a la història de moneda

eclesiastica de Cervere. *Gaceta Numismática*, 108 Asociación Numismática Española, Barcelona. (1993) pp. 19-31.

279 LOPEZ SANCHEZ, P. Hallezgos de dineros jaquases ecunados por los Austries en la comerce de Monzón. *Gaceta Numismática*, 109. Asociación Numismática Española, Barcelona. (1993) pp. 57-68.

280 MACREA, M.; GUDEA, N. and MOCIU, IANCU. Praetorium. Castrul si asezarea romana de la Mehadia [The Roman Camp and Settlement from Mehadia]. Bucuresti (1993) pp. 132-33.

In the time of the archaeological excavations from Mehadis's Roman camp and settlement, there were discovered 28 Roman Imperial coins from the time of Hadrian-Valentinian. There are mentioned other discoveries of hoards and isolated coins previously published.
(Constantin Preda)

281 MALMER, BRITA. Methodological problems in editing and evaluating the Swedish Viking-age coin hoards II. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 233-41, ISBN3-7995-4144-6. (Peter Ilisch)

282 MATZKE, MICHAEL. Vom Ottolinus zum Grossus: Münzprägung in der Toskana vom 10. bis 13. Jahrhundert. *SNR* Vol. 72 (1993) pp. 125-92 illus.

A study of the silver grossi of Lucca and Pisa with their circulation and imitation in the Near East.
(Silvia Hurter)

283 MARCOS PONS, A.; and VINCENT ZARAGOZA, A.M. Los tesorillo de moneda hispano-árabe del M. Arq de Córdoba. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 183-218

284 MARINHO PEIXOTO LAZARO, M.J. Le ceca de Toledo con Al-Mamum. *III Jarique de Numismática hispano-árabe* Museo Arqueológico Nacional de Madrid. (1992) pp. 389-402.

285 MAROT, T. Monedes omeyes hallaes en el mercado romano de Geresá (Jordania). *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 291-298.

286 Médaille commémorative du 750ième anniversaire de la bataille de Liegnitz. *Vie Num* Vol. 42 No. 4 (1992) pp. 116-7.

The description of a modern Polish medal, commemorating the battle of Liegniz (1241) is given. (Johan van Heesch)

287 MEERT, CHRISTIAN. Un passage ayant trait aux occupations de 1792-8 des armées françaises à Dinant. *Vie num* Vol. 42 No. 8 (1992) pp. 253-5.

Some remarks on the use of coins and paper money (assignats) during the French occupation of Dinant (1772-98) in Belgium, are given. (Johan van Heesch)

288 METCALF, D.M.; CABRAL, J.M.P.; ALVES, L.C. Sixth Century Visigothic Metrology. Some evidence from Portugal. *American Journal of Numismatics*, 3-4 ANS (1992) pp. 65-90.

289 METCALF, D.M. Some further reflections on the volume of the German coinage in the Salian period (1024-1125), In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 53-72, pp. 119-24, illus., ISBN3-7995-4144-6.

The role of monetary economy and export of silver coinage from Germany during the Salian period (1024ff.) is discussed. Special attention is paid to the question of whether or not there was a decline in coin production during the 2nd half of the 11th century. An attempt is made to judge the relative importance of the various mints. (Peter Ilisch)

290 MIKOLAJCZYK, ANDRZEJ. Late 11th century German coins in Poland—A final phase of the German inflow to the early medieval Poland. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 315-20, 1 map, ISBN3-7995-4144-6.

The not numerous German coinage, excluding "wendenpfennige", in Polish hoards of the 2nd half of the 11th century is analysed and compared to East German hoards. (Peter Ilisch)

291 MITREA, BUCUR and UMLAUF, VITALIE. Două tezaure vechi romănești descoperite în jud. Dîmbovita. [The Old Rumanian Hoards Discovered in Dîmbovita County]. *BSNR* Vol. 80-85 (1992) pp. 125-32. French summary.

Two hoards with Romanian medieval coins from Mircea the Old were discovered in Gura Susii, Dîmbovita County, Valachia. The first hoard contains 67 Ducats and the second 4 Ducats. All of them are issues from Mircea the Old. (Constantin Preda)

292 MITREA, I. and MIHAILESCU-BIRLIBA, V. Din nou despre

tezaurel de la Sîmbureşti [Again About the Hoard of Sîmbureşti]. *BSNR* Vol. 80-85 (1992) pp. 75-87 illus. French summary.

From the hoard in 1986 at Sîmbureşti, Olt County, Văkuchia, another new group of 102 Roman Imperial Denarii was published. All of them are issues from Antoninus Pius to Gordianus III. The entire hoard has now 4,148 denarii, from Vespasianus to Gordianus III. The hoard was buried because of the attack of the Goths in 245.

(Constantin Preda)

293 MOLVÖGIN, ARKADIJ. Die letzte Welle des westeuropäischen Münzsilbers der späten Wikingerzeit in Estland (1100-58). In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 287-93, ISBN3-7995-4144-6. (Peter Ilisch)

294 MORA SERRANO, B. Estudio de moneda Hammudi en Mélega. El hellasgo de dirhemes de Ardeles. *Texto Minima* Universidad de Málaga. (1993) p. 100.

295 NICOLAE, EUGEN. Probleme actuale ale numismaticii otomane în România [Actual Problems of the Ottoman Numismatic in Romania]. *Gaietele Laboratorului de Studii otomane* Universitatea Bucuresti Vol. 2 (1993) pp. 49-54.

This is a general overview on the research concerning the Ottoman coins from the 14th-16th centuries discovered in Romania.

(Constantin Preda)

296 NORTH, MICHAEL. Geldumlauf und Wirtschaftskonjunktur im südlichen Ostseeraum an der Wende zur Neuzeit (1440-1570). *Kieler Historische Studien* vol. 35, Sigmaringen (Jan Thorbecke Verlag) 1990, 276 pp. incl. 4 pll., ISBN3-7995-5935-3.

This, mainly based on written sources, discusses the monetary circulation in Hamburg, Schleswig-Holstein and Mecklenburg between 1400 and 1570. The relation between gold and silver stock and the volume of money in Europe is discussed as well as the trade and payment balance in the Baltic sea area.

(Peter Ilisch)

297 OCHESEANU, RADU. "Firfiricci" la mijlocul sec. XIX în România. ["Firfiricii" at the Middle of the XIX Century in Romania.] *BSNR* Vol. 80-85 (1992) pp. 175-78. French summary.

The author believes that the currency usually called "firfirici", used in Romanian historical provinces at the middle of the XIXth century were Austrian issues and Ottomans.

(Constantin Preda)

298 OCHESEANU, RADU. O bancnotă cu defect de imprimare emisă de Banca Naională a României. [A Banknote from National Bank of

Romania with a print defect]. *BSNR* Vol. 80-85 (1992) pp. 179-82 illus. French summary.

In the Collection "Maria and Dr. Severeanu" from Bucharest there is a banknote of 20 Lei issued by the National Bank of Romania. Its reverse is unprinted.

(Constantin Preda)

299 OCHESEANU, RADU. Piatra vistieriei Tării Românești din anul 1834 [A Monetary Weight of the Valachian Treasury from the Year 1834]. *BSNR* Vol. 80-85 (1992) pp. 223-25 illus. French summary.

An unpublished Valachian monetary weight from 1834 is presented. It has 3.48 g. and was used to control the ducats from the Low Countries. (Constantin Preda)

300 OLLER RIERA, J. Unmellón hebreo-cristiano hallado en la Provincia de Jaén que habie pertenecido a judios conversos. *Gaceta Numismática*, 109 Asociación Numismática Española, Barcelona (1993) p. 55.

301 PAZ BERNARDO, J. Un real de Pedro I 1350-69, cece de La Coruña: variante inédita. *Gaceta Numismática*, 109 Asociación Numismática Española, Barcelona (1993) p. 41.

302 PELLICER I BRU, J. El "Pesente" del marquesado de Senad. Circulación de una moneda nazerten el siglo XVI. *Gaceta Numismática*, 108 Asociación Numismática Española, Barcelona. (1993) pp. 47-56.

303 PETOLESCU, CARMEN MARIA. Tezaurul de monede romane imperiale de la Camena, jud.Tulcea [The Roman Imperial Hoard from Camena, Tulcea County]. *BSNR* Vol. 80-85 (1992) pp. 8999. English summary.

In 1936 a Roman Imperial coin hoard was discovered at Camena, Tulcea County, Dobroudja. The hoard contains 137 coins among which there are 26 denarii and 111 Antoniniani. There are issues from Clodius Albinus to Volusianus. The hoard was buried because of the attack of the Migratories. (Constantin Preda)

304 PETRY, KLAUS. Weiller 42- ein unerkanntes Bindglied der Münzstätte Trier und der Fernhandelsdenarszone zur spätottonisch-früh-salischen Zeit? In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 135-40, illus., ISBN3-7995-4144-6. (Peter Ilisch)

305 POENARU BORDEA, G.H. and NICOLAE, EUGEN. Minimi din tezaurul descoperit la Constanta in cartierul Anadachiei [Minims Hoard discovered at Constanta in the Anadachiei District]. *BSNR* Vol. 80-85 (1992)

pp. 101-15 illus. French summary.

Originally, this was part of the hoard discovered in 1929 at Constanta, in Anadachioi District, Dobroudja. This group contains 130 Byzantine coins from Anastasius, Justin I, and Justinian. The authors publish here another group of 252 coins, Roman imperial issues from the 4th and 5th centuries from the Emperors Valens-Zenon and Anastasius-Justinian. Many of them are unidentified. There are also a few lead coins. (*Constantin Preda*)

306 POENARU BORDEA, GH. and OCHESEANU, RADU. un taler de la Despot Veda [A Thaler from the Prince Despot]. *BSNR* Vol. 80-85 (1992) pp. 155-59 illus. French summary.

In a private collection from Bucharest there is a Thaler from the Prince of Moldavia Despot Heraclit. It was struck in the year 1563. Such issues are quite rare with only a few pieces known. (*Constantin Preda*)

307 POL, ARENT. Münzfunde und Fundmünzen der Jahrtausendwende in der Niederlanden. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 189-204, ISBN3-7995-4144-6.

An inventory of coin finds (hoards and single) from the 10th and 11th century in the Netherlands is presented. (*Peter Ilisch*)

308 POPA, LUANA and NICOLAE, EUGEN. Un tezaur de aspri otomani de la începutul sec. XVI n colectiile Muzeului judetean Brasov [A Hoard of Ottoman Aspres from the Beginning of the XVIth Century in the Coins Collection of the Brasov Museum]. *BSNR* Vol. 80-85 (1992) pp. 139-54 illus. French summary.

In the collection of the History Museum from Brasov there is a hoard of Ottoman Aspres (414 pieces) with no place of discovery. The coins are from Murad II (1421-51) to Bayezid II (1481-1512). There are four imitations of Bayezid II aspers. (*Constantin Preda*)

309 POTIN, VSEVOLOD. Über einen neuen Schatzfund westeuropäischer Denare im Norden Russlands. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 277-86, illus. ISBN3-7995-4144-6.

310 PUHLE, MATTHIAS. Zur Münzpolitik Erzbischof Wichmanns. Erzbischof Wichmann (1152-92) und Magdeburg im hohen Mittelalter (Ausstellungskatalog), Magdeburg 1992, S. 74-79.

This presents the life and work of Archbishop Wichann. A good deal of his life was devoted to the development of currency. (Paul Arnold)

311 PUIN, G.-R.; WILSKI, H. Ein ganz besonderer Löwentaler. *GN* 28, 1993, pp. 212-13, illus.

The authors discuss a leeuwendaalder of Dutch type 1634 with Persian letters at the edge read as "riyal pehlevi sch 7" and a Latin legend saying that the coin is destined for the original trade. (Peter Ilisch)

312 *Ridders en priesters. Acht eeuwen Duitse Orde in Noordest-Europa [Knights and Priests. Eight centuries of "the German Order" in North-eastern Europe.]* (Turnhout, 1992).

Contains notes on the seals of the German Order in North-Eastern Europe (pp. 26-39), on their coins minted at Gruitrode (Belgium, pp. 76-8) and on a counter struck for Nieuwen Biezen (Maastricht, Netherlands), p. 139. (Johan van Heesch)

313 ROCOUR, M. Une monnaie inédite de Pepin le Bref. *Vie num* Vol. 42 No. 2 (1992) pp. 44-5.

On the Thier d'Olne (Hermalle-sous-Huy and Ombret-Amay, Belgium) a silver penny of Pepin the Short was excavated. (Johan van Heesch)

314 ROCOUR, M. Monnaie trouvée à Amay entre Amay-Peneu Rue du Pont et la Meuse. *Vie num* Vol. 2 No. 1 (1992) pp. 15-7.

A Frisian sceatta (MEC 634/5) found at Amay (Belgium) is described. (Johan van Heesch)

315 RÖBLITZ, GÜNTHER. Die Anfänge der Mansfelder Groschenprägung im Spiegel des monetären Umfeldes, *GN* 28, 1993, pp. 207-11m illus.

A short survey of the 15th century groschen issues of Saxony and Hessen, the similar strikings of the counters of Mansfeld around 1460 with parallel old and new groschen resp. pfennigs are treated. (Peter Ilisch)

316 RODOLFO, M. Le monete hispan-arabe della Civiche Raccolte Numismatiche di Milano ed il catalogo Casiglioni; nota illustratore. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 131-40.

317 RODRIGUEZ AMRINHO, J. As moedas hispanco-musulmenes de coleccio Justino Cumanho carte de Pascuel de Gayenges. *III Jarique de Numismática hispano-árabe* Museo Arqueológico Nacional de Madrid. (1992) pp. 107-30.

318 RODRIGUEZ LORENTE, J.-J. Transcripción de letras éabes a los

principales lengües europeos. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 385-95.

319 ROELENS, P. Découvertes de monnaies 3 Ploegstraat. *Mémoires de la société d'histoire de Comines-Warneton et de la région* Vol. 22 (1992) pp. 523-8.

Coins of Louis XIII and Francis I of France were found at Comines-Warneton (Belgium).
(Johan van Heesch)

320 SAENZ-DIEZ, J-I. Granada. *Gaceta Numismática*, 108 Asociación Numismática Española Barcelona. (1993) pp. 33-46.

321 SAENZ-DIEZ, J-I. Oro hispano-árabe en el Museo Arqueológico de Córdoba *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 155-82.

322 SAENZ-DIEZ, J-I. Museo Municipal de Sevilla. Fondos islámicos de le col Gego. *III Jarique de Numismática hispano-árabe*. Museo Arqueológico Nacional de Madrid. (1992) pp. 255-58.

323 SAILA, PEKKA. Väärä 10 markan metalliraha 1930-31 [Forgeries of the Finnish ten-mark coin of 1930-31]. *Numismaattinen Aikakauslehti* No. 4 (1993) pp. 99-114 illus.

A forgery case from the 1930s is presented.
(T. Talvio)

324 SCHNEIDER, KONRAD. Frankfurt und die Kipper- und Wipperinflation der Jahre 1619-23. Mitteilungen aus dem Frankfurter Stadtarchiv vol. 11, Frankfurt/Main (Verlag Waldemar Kramer) 1990, 100 pp. incl. 12 pll.

Following a survey of the monetary development in Frankfurt, mainly during the 16th and early 17th century, the question arises how the kipper crisis, the most serious monetary crisis in the German Empire 1619-23, affected Frankfurt which was a highly important area and market place for the precious metal trade. The city council reacted in order to keep away the bad coinage and stabilize the circulation. (Peter Ilisch)

325 SCHWIEN, JEAN-JACQUES. Die Münzen. In: Leben im Mittelalter. 30 Jahre Mittelalterarchäologie im Elsass. Speyer (Historisches Museum der Pfalz) 1993, pp. 105-07 and 352-53.

326 SIETZ, FRITZ GEORG, Imitate und Fälschungen des holländischen Löwentalers. *GN* 28, 1993, no. 156,, pp. 159-61, illus.

The various imitations, copies and forgeries of the seventeenth century Dutch Leeuwendaalders from mints in the Netherlands, East Frisia and Italy are being surveyed.
(Peter Ilisch)

327 SIMENSEN, CHRISTIAN J. En kongelig konkurs i kjølvannet av svartedøden. [A royal bankruptcy in the wake of the Black Death.] *NNF-Nytt* No. 1, 1993, pp. 4-36, figures and tables. English summary.

The article is an investigation concerning the Norwegian coinage during the years 1349-80. It is based on a series of Scandinavian hoards and coin finds in Norwegian and Swedish churches and other important sources of information, such as tax collections, which together elucidate the financial situation of the period. (*Author*)

328 SKAARE, KOLBJORN. Korrespondanse mellom C.J. Thomsen og C.A. Holmboe [Correspondence between C.J. Thomsen (1788-1865), the great Danish antiquary and numismatist, and C.A. Holmboe, director of the Oslo University Coin Collection] *NNA* 1978-88 (pr. 1992), pp. 5-106, illus. English summary.

44 letters from Thomsen and 21 letters to him from Oslo are published with an introduction, based on preliminary work by Hans Holst. (*Author*)

329 SKAARE, KOLBJORN. Die Erforschung der deutschen Münzen in den wikingerzeitlichen Münzfunden Norwegens. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 255-67, illus. ISBN3-7995-4144-6.

330 SMARANDA, AURICA and FLORESCU, LAURENTIU. O monedă moldovenească de la Alexandru cel Bun descoperită la Cîmpulung-Muscel [A Moldavia Coin from Alexander the Better Discovered at Cîmpulung-Muscel]. *BSNR* Vol. 80-85 (1992) pp. 297-98 illus. French summary.

In 1950 a Romanian medieval coin from Moldavian Prince Alexander the Better (1400-32) was discovered at Cîmpulung-Muscel. (*Constantin Preda*)

331 SMARANDA, AURICA. Monede din epoca omană descoperite la Tomis și Romula [Roman Coins Discovered at Tomis and Romula]. *BSNR* Vol. 80-85 (1992) pp. 271-74. Illus. French summary.

We have three new coins from the emperors Caracalla, Severus Alexander and Godian III from Constanta. All these coins are discussed at Tomis. In addition two denarii from Seprimius Severus and Severus Alexander were found in the Roman town of Romula (Oltenia). (*Constantin Preda*)

332 SOLER, M. Les monedas érabes del Gabinete Numismático del IEI. *III Jarique de Numismática hispano-érase*. Museo Arqueológico Nacional de Madrid. (1992) pp. 145-154.

333 STOESS, CHRISTIAN, Münzrecht von König und Erzbischof in

Mainz während der späten sächsischen und frühen salischen Kaiserzeit (975-1030). In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 111-118, illus., ISBN3-7995-4144-6.

334 STURM, KLAUS-DIETRICH. Münzen und Medaillen der Edelherren von Querfurt, der Grafen von Mansfeld, der Erzbischöfe und der Burggrafen von Magdeburg und der Herzöge von Sachsen-Weissenfels-Querfurt. (Leipzig: Verlag Harald Schubert, 1993.) pp. 147, illus.

The author discusses in an historical-numismatic view the mints and the medals from the 12th to the 18th century. (Paul Arnold)

335 SUCHODOLSKI, STANISLAW. Die Münzen des 10. und 11. Jahrhunderts aus Mainz, Speyer, und Worms in Polen. Ein Beitrag zur Datierung, zu dem Einströmwegen und zum Umlauf. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 301-13, illus. ISBN3-7995-4144-6.

336 TALVIO, TUUKA. Deutsche und andere Münzen in finnischen Funden des 11. Jahrhunderts. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 269-75, illus. ISBN3-7995-4144-6.

337 TALVIO, TUUKA. *Suomen rahat* [The coins and banknotes of Finland]. Helsinki, (The Bank of Finland, 1993). 199 pp. illus.

A second, considerably enlarged edition of *NL* 107-626. (Author)

338 TEODORESCU, EUGEN and NICOLAE, EUGEN. Dirhemi otomani de la sfîrsitul sec. XVI provenind de la Țirgoviste și împrejurimi. [Ottoman Dirhems from the end of the XVIth century Discovered at Țirgoviste and in the proximity]. *CSSAI* Vol. 3 (1992) pp. 70-71.

The authors present 5 dirhems of Murat III (1574-95) issued at Cancas and Erzurum discovered near Țirgoviste-Valachia. (Constantin Preda)

339 THIER, BERND. Münster und die Niederlande. Die Gegenstempel der Provinzen Holland und Seeland von 1573/74 auf Halbtalern des Bistums Münster. *NNB* 42, 1993, p. 313-17, illus.

340 *UIT HET VERLEDEN GEPUT. [From the past.] Gebruiksgoed van opgraving tot museum. De verzameling Jan Gruyaert.* (Antwerpen-Deurne, Provinciaal Museum Sterckshoff, 1991) 139 p.

Eleven coins from the 16th-17th century, 2 counters and 1 leaden seal were found in a well in Antwerp (Belgium). (Johan van Heesch)

341 UMLAUF, VITALIE. Nicolae Iorga în memoria metalului [Nicolae Iorga in the Memory of the Metal]. *CSSAI* Vol. 3 (1992) pp. 72-75.

The author presents the medals issued in honor of the great Romanian historian Nicolae Iorga (1871-on). (Constantin Preda)

342 VAN BELLINGEN, L. Nos régions, l'Espagne, l'Autriche, les Habsbourg, l'histoire et la numismatique (3). *Vie num* Vol. 42 No. 1 (1992) pp. 4-13.

A short monetary history of the southern part of the Low Countries from Maria Theresa to Francis II (Austrian period) is given. (Johan van Heesch)

343 VAN LAERE, RAF. Twee Limburgse muntschatten. [Two Limburg hoards] *Het oude Land van Loon* Vol. 46 (1991) pp. 151-76.

Two hoards are published. One found at Tongeren (Belgium) containing 54 coins of the Low Countries (17th century) and one at Meeuwen (Belgium) containing 16 coins of the Low Countries and the bishopric of Liège (17th-18th century). (Johan van Heesch)

344 VAN LAERE, RAF. Quelques pièces rares ou inédites. *Vie num* Vol. 42 No. 7 (1992) pp. 220-1, illus.

Three rare or unpublished coins are presented: one of Anna de la Marck, abbess of Thorn, a copper coin of Philip II (struck at Maastricht) and a *demi-écu* of Westfriesland struck in 1629 (Delmonte 940). (Johan van Heesch)

345 VIGUERA MOLINS, M.J. Madrid en al-Andalus. *III Jarique de Numismática hispano-árabe, Museo Arqueológico Nacional de Madrid.* (1992) pp. 11-38.

346 WEILLER, RAYMOND. Resultate der stempelvergleichenden Methode an an hochmittelalterlichen Trierer Münzen. In: Fernhandel und Geldwirtschaft, Beiträge zum deutschen Münzwesen in sächsischer und salischer Zeit. Ergebnisse des Dannenberg-Kolloquiums 1990. Ed. by Bernd Kluge. Berliner Numismatische Forschungen N.F. vol. 1, Sigmaringen (Jan Thorbecke Verlag) 1993, pp. 125-133, illus. ISBN3-7995-4144-6.

347 WILLEMS, J. *Découvertes récentes en archéologie hutoise. Annales du cercle hutois des sciences et beaux-arts* Vol. 45 (1991) pp. 195-210.

A carolingian penny of Bourges and some pennies of the 13th century, found in the region of Huy (Belgium), are published. (Johan van Heesch)

348 WOLF, I. *Beknopte geschiedenis van de Hasseltse muntslag (supplement bij de catalogus: Hasseltse munten, Hasselt, 1980) [Concise history of the coinage of Hasselt (Belgium). A supplement to the exhibition catalogue published in 1980]. (Hasselt, De vrienden van het Museum Stellingwerf-Waerdenhof, 1992) 26 pp.*

EASTERN EUROPE AND THE BALKANS

349 KORČMAROŠ, LADISLAV. Kotorski Novac, I. (bakreni) [Coins of Ktor, Part I (copper)]. *Numizmatičke vijesti* No. 1 (43) (1990) pp. 27-54, illus. English summary.

A brief history of the town of Kotor (Cattaro) is followed by sections on the history and status of the mint, relative value, dating, iconography and inscriptions of its coins, and a listing of known Venetian governors from 1420 to 1640. The article concludes with an illustrated catalog of copper coins, modelled on the work of Dr. Karl Stockert. (Charles B. Smith, Jr.)

350 KRASNOV, GJURO. Srebrni groši Šubića Bribigskih s početka XIV. stoljeća (Znatno dopunjen referat s I. Balkanskoga numizmatičkog simpozija u Varni 1988) [Silver grossi of the Šubić family of Bribir from the early 14th century (Considerably expanded paper from the 1st Balkan Numismatic Symposium in Varna 1988)]. *Numizmatičke vijesti* No. 1 (43) (1990) pp. 17-26, illus. English summary.

351 ROSA, KARLO. DALMACIA-CROACIA—SCLAVONIA na novcima ugarskih kovnica od 1359 de 1623 god. [DALMACIA-CROACIA-SCLAVONIA on coins of Hungarian mints from 1359 to 1623]. *Numizmatičke vijesti* No. 1 (43) (1990) pp. 55-74, illus. English summary.

Listed are coins on which either the name or arms of Dalmatia, Croatia, and/or Slavonia appear. (Charles B. Smith, Jr.)

352 ZUCCON, BOGOMIL. Nalaz Noričkoga malog srebrenjaka kod Medulina u Istri [Find of Norican small silver coin at Medulin in Istria]. *Numizmatičke vijesti* No. 1 43 (1990) pp. 13-16, illus. English summary.

A small Norican coin (6-8 mm. .647 grams) was found in 1969 on the shore of the Vižula Peninsula, southwest of Medulin. On the obverse is the raised form of a curled up animal (a dragon?), and on the reverse a tectosaxon cross (wedge-shaped branches emerge from a large central point, then split into three parts). The obverse

probably was influenced by coins of the Boli of Pannonia. In the area where the coin was found was a large Roman building complex founded during the 1st century A.D. The coin was probably minted between 60 and 15 B.C., but such coins were in circulation in Noricum and surrounding areas until the middle of the 1st century A.D.

(Charles B. Smith, Jr.)

UNITED STATES OF AMERICA

353 ANDERSON, SHANE. V.D.B.: Behind the Initials. *NUM* Vol. 106, No. 10 (October 1993) pp. 1398-1408, illus.

Biographical article on Brenner's youth, apprenticeship, name change and emigration to America and thereafter his rising career as medalist and sculptor. The author states that he reached the top of his career with his plaque and Centennial Medal of Lincoln. The circumstances leading to his appointment to redesign the cent are explained along with a brief summary of the remainder of his career.

(Thomas Serfass)

354 ARGYRO, DANIEL. Major Die States of 1848 Cents, Part 1. *PW* Vol. 27 No. 3 (May 15, 1993) pp. 180-81.

The die states for each of the 48 varieties of 1848 cents will be identified by diagnostic features and progressively labeled with a lower case letter within each variety. This first part presents 20 die states for the first six varieties.

(Thomas Serfass)

355 ARGYRO, DANIEL. Major Die States of the Year 1848, Part 2 *PW* Vol. 27, No. 5, (September 15, 1993) pp. 335-37.

This continuation includes the cents N-7 through N-12 with commentary on the obverse and reverse for each die state.

(Thomas Serfass)

356 BOWERS, Q. DAVID. Silver Dollars & Trade Dollars of the United States: A Complete Encyclopedia *Bowers & Merena* Galleries, Wolfeboro, N.H. 1993 in two volumes, illus.

The book covers 25 chapters with 2 appendices. Vol. I covers the earliest types through trade dollars while Vol. II extends from Morgan dollars through the Anthony dollars and also includes information on commemoratives and silver Eagle bullion coins.

Many fascinating features are presented including Bowers Universal Rarity scale

(first proposed in the June 1992 *Numismatist*), new mintage estimates and the results of a population study by Mark Borckardt. A new listing of die varieties is presented with Bowers-Borckardt numbers. These are of course cross-referenced to both Bolender and Haseltine numbers. Bowers also provides "Additional Information" sections which help fulfill the promise of the title.

Bowers collection and investing sections provide a cornucopia of information which he supplements with extensive catalog listings of famous hoards, chronological auction listings of important pieces and the prices those pieces realized. Robert W. Julian's historical section details political and practical information available about the early Mint which sheds light on all denominations produced at that time. Harry Salyards helped Bowers with the "Year in History" section which provides fascinating snippets of general history for each year in which silver dollars were made. Also on the lighter side, Walter Breen's essay on terms used to describe the dollar is included as appendix 2.

(Thomas Serfass)

357 BRESSETT, KENNETH, ed. *Guide Book of United States Currency*. (Racine, Wisconsin, Western Publishing Co. 1993). 336 pp. illus. ISBN 0-307-09373-5.

A compilation of works formerly published separately covering U.S. large and small size currency and fractional notes. Listings are subdivided to the signature variety level.

(Joseph E. Boling)

358 CARTER, JASON L. An 1887 S Dime with a Shattered Reverse. *Gobrecht J*, Vol. 19 No. 57 (July 1993) pp. 28-9 illus.

An otherwise uncirculated coin exhibits a series of die breaks which radiate over half of the coin. These die breaks are nearly concealed by the wreath leaf design.

(Thomas Serfass)

359 COCHRAN, BOB. Two "Discovery" Large Size Alabama Nationals Reported, *PM* Vol. 32, N. 4 (July/August 1993) p. 123.

Jasper Payne acquired a previously unknown large size note from the First National Bank of Coffee Springs, Alabama and one from the Farmers & Merchants National Bank of Headland, Alabama. Reasons for the notes scarcity are discussed.

(Thomas Serfass)

360 DINGMAN, ERIC. The Ultimate Hard Luck Coin *COINS* Vol. 40, No. 8, (August 1993), pp. 26, 28, 32. Illus.

Introduction and history of this short lived coinage series whose "primary claim to fame" is it being the first coin to bear the motto "In God We Trust" according to Dingman. Mintage, variety and pricing information are provided as well as a recommendation for Myron Liman's *The Two Cent Piece & Varieties*.

(Thomas Serfass)

361 FELLER, STEVE. The Prisoner of War Camp at Algona, Iowa: A

Look at the Camp and Its Monetary System. *IBNS Journal*, Vol. 32, No. 1 (1993) pp. 9-18, illus.

Historical account of the POW camp and its economic functions. The surprising economy of the camp is explained with various wage levels (officer' salaries) described as well as projects on which they spent the money they had earned. A variety of canteen notes, credit memos and other material is illustrated. (Thomas Serfass)

362 FELSHAW, RICHARD F. Attributing the Cents of 1828. *PW* Vol. 27 No. 3 (May 15, 1993) pp. 172-75, illus.

The twelve varieties of 1828 are the result of intermarriages between five obverse dies and eleven reverse dies. The author has chosen a scheme of dividing the varieties into three subgroups. Within each subgroup, coins are further separated by diagnostic features into group A. or B. This process speeds up attribution and provides a convenient format for use away from detailed standard references. (Thomas Serfass)

363 FISHER, JACK E. Carmi A. Thompson, *PM* Vol. 32 No. 4 (July/August 1993) pp. 120-22, illus.

Biographical article on this Secretary of the Treasury who signed silver certificates in 1899. (Thomas Serfass)

364 GRIFFEE, JOHN. New Jersey Coppers, Part 10: Maris 18-N. *PW* Vol. 27, No. 5 (September 15, 1993) pp. 322-29, illus.

This series of articles provides a description of varieties of each type in the New Jersey series along with extensive condition census information. The author is striving to update information on this series and urges owners of New Jersey coppers to contact him. (Thomas Serfass)

365 HELFER, DONALD. 1855-S Half Dollars in the China Trade *Gobrecht J* Vol. 19, No. 57, July 1993, pp. 26-27, illus.

In a speculative article concerning 1855-S half dollars the author explores the possibility of the coins having been used extensively by ship's captains in the China trade. Helfer explains the Dollars Mex standard used by Oriental traders and shows an illustration of an 1855-S with a chop mark indicating half or middle. (Thomas Serfass)

366 HESSLER, GENE and PROFESSIONAL CURRENCY DEALERS ASSOCIATION COMMITTEE ON EDUCATION. *Collecting U.S. Obsolete Currency*. (Milwaukee, Wisconsin, Professional Currency Dealers Association 1991) 33 pp. illus.

Scores of interesting details about obsolete (non-Federal) U.S. currency are presented with the object of enticing the reader to collect such notes. The purposes and uses of the notes and descriptions of designs, production, and non-circulating forms (proofs and remainders) are included. (Joseph E. Boling)

367 HESSLER, GENE. Some Currency Models and Their Engravers.

PM Vol. 32, No. 4 (July/August 1993) pp. 124-27, illus.

Art work by Charles Ransom Chickering and others from the files of the Bureau of Engraving and Printing were examined by the author. The engravers which are discussed include Mathew D. Fenton, Arthur Dintman, Charles A. Brooks, and Richard M. Bower.
(*Thomas Serfass*)

368 HODDER, MICHAEL. Albion Cox and John Harper: Gleanings from the Birmingham & Sheffield Archives. *PW* Vol. 27 No. 2 (March 15, 1993) pp. 80-86.

Hodder corrects the misconceptions that Cox was a "deadbeat who fled the country in 1788 to avoid debts" and the charge that he was an incompetent assayer. Cox did not leave the country until 1790, and Albion later made an installment plan to meet other unpaid debts. Cox convinced Parliament to grant Sheffield its own assayer's office. He later gained experience assaying copper in New Jersey. The business of John Harper as die sinker and mechanic were illuminated by the letter of a rival writing to Matthew Boulton complaining that Harper was violating a law forbidding the export of machine tools or parts for iron working and also for bringing skilled metal workers out of the United Kingdom. Hodder concludes from this information that Harper was probably a consultant or independent contractor to the U.S. Mint. The author also disagrees with the claim that Harper designed and struck the Jefferson Head cents of 1795.
(*Thomas Serfass*)

369 HODDER, MICHAEL J. When Morristown Made Coins *NUM* Vol. 106, No. 8, (August 1993) pp. 1099-1102, 1159-62.

The shortage of money following the revolution is briefly described as is the politics of getting the New Jersey Assembly to pass a bill authorizing the minting of coins. After Mathias Ogden secured its passage in the legislature, Thomas Goadsby and Albion Cox set up a mint in Rahway, N.J. in 1787. William Leddel, an unsuccessful bidder for the coining franchise, hired a former Cox partner and coiner Water Mould to run a mint in Morristown, N.J. Coins were made there in 1787 and 1788. High start up costs, personnel problems and lack of adequate capital all conspired to make the Morristown Mint unprofitable and it closed after two years. (*Thomas Serfass*)

370 HUGHES, BRENT. Frank Leslie's Confederate Note and Its Progeny. *PM* Vol. 32, No. 3 (May/June 1993) pp. 90-94, 99, illus.

The fascinating process of creating plates from woodcuts and electrotypes for mass circulation publication prior to the half tone process is explained as background for discussion of the production of counterfeit Confederate bills. The Confederate \$10 type 10 (Liberty and Shield with flag) and Confederate \$5 Type 31 (five females) notes were reproduced somewhat crudely in Frank Leslie's Illustrated Newspaper and the Philadelphia Inquirer respectively. From these Sam Upham of New York and others either bought these electrotypes or produced others and went into the Confederate Note Facsimile business. Many were trimmed and tinted and used as circulating counterfeits. Several of these counterfeit "facsimiles" are illustrated and described.
(*Thomas Serfass*)

371 HUGHES, BRENT. Some Counterfeits of the Clipper Ship and Sailor

Confederate Note. *PM* Vol. 32 No. 5 (September/October 1993), pp. 1499-52, illus.

A detailed description of the genuine note with some background on its printing and counterfeiting. A guide to mistakes on the counterfeit notes which help to identify them is provided. The author points out that many of these counterfeits are collectible as they are less numerous than the genuine notes. *(Thomas Serfass)*

372 HUGHES, BRENT. Frank Leslie's Confederate Note and Its Progeny. *PM* Vol. 32, No. 3 (May/June 1993) pp. 90-94, 99, illus.

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374 HUNTOON, PETER. The Original Series National Bank Note Part-Plate Printings of 1873-1875 *PM* Vol. 32, No. 4 (July August 1993) pp. 115-19, illus.

To comply with a small section of a March 3, 1873 law, national bank notes known to be widely counterfeited were to be discontinued in production runs and redesigned. The law had other serious drawbacks which would impact negatively on banks and its repeal or effective reversal were imminent. However, during the interval while this law was in force, partial plate printings of several banks notes could not be avoided. The author discusses the banks which had partial plate printings of their notes and some of the difficulties involved with this process. *(Thomas Serfass)*

375 ISKRA, FRED. Die States of 1807 Sheldon 271 *PW* Vol. 27, No. 2 (March 15, 1993) pp. 97-105, illus.

The author traces the possible origins of the "Comet" moniker for this variety. The progression of the die deterioration which produced the comet variety of S-271 is the focus of this article. Iskra lists four die states rather than the commonly ascribed five, although he uses Breen's definition of die state. The author defines each die state in excellent detail for both obverse and reverse and provides a line drawing to

illustrate distinctions.

(*Thomas Serfass*)

376 JULIAN, ROBERT W. The Appeal of Flowing Hair. *Coinage* (June 1993) pp. 4-16, 18. Illus.

The history of the Mint start up and production of 1794 dollars is explained with the roles played by Washington, Jefferson, David Rittenhouse, Voight and Albion Coxé highlighted. The dollars of 1794 were produced from both French silver coinage deposited by the Bank of Maryland and a supply of bullion belonging to Rittenhouse and his friend Charles Gilchrist. The politics of actual coin production and the politics of design and implementation are not neglected by the author. (*Thomas Serfass*)

377 JULIAN, ROBERT W. Cents of 1808-1814. *COINS* Vol. 40 No. 11, (November 1993) pp. 60-64, illus.

The Classic head series is introduced with a discussion of varieties, mintages, and current market values. The politics of the mint during that era and the appointment of engraver John Reich are presented. (*Thomas Serfass*)

378 JULIAN, ROBERT W. The Origin of the Cent. *COINS* Vol. 40, No. 8, (August 1993) pp. 34, 38, 40, 42. Illus.

The origin of the cent is found in the confusion caused by the wildly differing exchange rates among states for their paper money into Spanish dollars, the shift from a monetary system based on pounds/shillings to a system based on dollars and the need to create a firmly established complementary coinage for the new monetary system. Gouverneur Morris created and Robert Morris promoted a system based on a 1,000 unit coin of silver. Unfortunately, this system would also have valued the ubiquitous Spanish silver dollar at 1,440 units, a fatal flaw. However, the term "cent" was proposed for the smallest coin of silver and the term survived the Morris plan which was altered extensively by Thomas Jefferson. (*Thomas Serfass*)

379 KAROLEFF, BRADLEY S. 1829 0121 (?) *JRJ* Vol. 7 issue 4 (July 1993) pp. 11-15.

The author found an intriguing reference to a unique variety of Bust half dollar, "1829 Curled base 2 No Knob small 50 C" from the Matthew Stickney Collection. The coin has since disappeared. In presenting several hypotheses about the half dollar Karoleff provides biographical detail about Mr. Stickney and his collection. Specifics concerning the styles of 2 used by the Mint in 1829 along with emission sequences inform his various theories. The author concludes that probably a cent punch was mistakenly used on a half dollar working die to create this variety although he also allows that the coin may be a very skillful counterfeit. (*Thomas Serfass*)

380 KOVACH, JOHN. Another Visit to Economy, Pennsylvania *JRJ* Vol. 7, issue 4, (July 1993) pp. 26-31.

A brief history of the Harmony Society and its founding Rapp family provides the background for the Economite hoard of 500,000 dollars in coins. A partial listing of the hoard's contents is provided. An 1881 article in *Coin Collector's Journal* indicated

the hoard contained 111,357 early half dollars. The Old Economy State Park and museum preserve this community's heritage and the museum has retained a few half dollars which the author describes by variety. (*Thomas Serfass*)

381 LAND, HANS A. A Pocketful of Dollars, Pistoles, Joes, and Guineas. *NUM* Vol. 106 No. 7 (July 1993) pp. 93-36, 978-80, illus.

Details the initial coin shortage in the American Colonies caused by the British ban on exports of coin to her colonies. The variety of coins and the circumstance of their usage are explained along with the evolution of American rules concerning coinage regulation. Includes information on the adoption of dollars as our basic currency unit and the phasing out of foreign coin as legal tender in 1857. (*Thomas Serfass*)

382 LOGAN, RUSSELL J. Hub Punches. *JRJ* Vol. 7 issue 3 (April 1993) pp. 22-24, illus.

The question of whether the letters in LIBERTY and E PLURIBUS UNUM on early Federal silver coinage were put on with a graver and hammer in the hub or master die or with a punch has been unresolved. Logan brings two central arguments to his contention that a hub punch was used. A trial strike in lead of a 1836 reeded edge half dollar shows liberty's head band clearly blank—without any lettering. This supports the speculation that a punch was used as it naturally would have been blank until the last step punching was added and the trial strike never made it to this final step. The author's second argument is the E in LIBERTY and E PLURIBUS UNUM are exactly alike. "The crossbar that joins the center serif to the upright is skewed. The sides of this crossbar are parallel BUT are not perpendicular to the upright." (*Thomas Serfass*)

383 LORENZO, JOHN. The Most Dramatic Die Failure of New Jersey Coppers: Maris 31-L *PW* Vol. 27, No. 5, (September 15, 1993) pp. 333-35, illus.

This coin from the Rahway mint was previously believed to have broken into four fragments according to Maris 1881 work and two examples still exist. The author has located a new variety of this die pair breaking into at least six pieces. The progression of die breaks leading to the four fragments is related and then the additional breaks are described and illustrated. (*Thomas Serfass*)

384 LORENZO, JOHN. The Rhode Island Ship Token of 1779: a Non-Local Import. *PW* Vol. 27 No. 2 (March 15, 1993) pp. 76-79.

A brief review of the types and rarities of the Rhode Island token is followed by a historical explanation of the token's subject matter. Lorenzo presents a newspaper account from June 6, 1766 *American Museum*, suggesting that there was no mint in Rhode Island at the time. Lorenzo ends the article by agreeing with Michael Hodder that the tokens probably originated in Holland. (*Thomas Serfass*)

385 McCLOSKEY, JOHN W. Double Stripe Bust Quarter Reverse. *JRJ* Vol. 7 Issue 2 (January 1993) pp. 14-15, 25. Illus.

The reverse on the 1833 B2 & B1 quarters is unique to the series, being primarily identified by two instead of the usual three vertical lines in each stripe in the shield (double stripe). Other errors in the lettering and doubled talons are mentioned in Browning but not the double stripes. McCloskey explains this aberration by examining Philadelphia Mint operations during the 1825-1838 period. Bust dimes, especially 1825 and 1827 showed die deterioration in which three vertical lines became fused into one solid stripe. In 1829 the Mint began experimenting with a double stripe design in Bust dimes and half dimes to minimize the problem of fused lines. The author argues that the appearance of the double stripe on some quarters was a continuation of that experiment. However, the larger quarter didn't suffer from the stripe degradation like the smaller coins and the change was not needed as a permanent alteration.

(Thomas Serfass)

386 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Five. *PW* Vol. 27 No. 2 (March 15, 1993) pp. 92-97.

The variety analysis and data revision continue with die characteristics, die states, strike order population and weight information as well as a specimen bank report and commentary. Part five includes Newman obverses 17I, 17S, 17WW, 18H, 18U, 18X, 19M1, 19Z, 19SS, 20R & 20X.

(Thomas Serfass)

387 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Six. *PW* Vol. 27 No. 3 (May 15, 1993) pp. 164-70.

Obverse die studies are concluded with Newman numbers 21I, 22M2, 23ZZ, & 24MM. The lettered reverses are also reevaluated using the same format as for the obverses: description of the die characteristics, die states, strike order, population reports with weights, specimens examined and commentary. This article includes reverses A, B, & C.

(Thomas Serfass)

388 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Seven *PW* Vol. 27 No. 4 (July 15, 1993) pp. 261-65.

The author continues his study of the Fugio reverses with Newman CC, D. E. F & G.

389 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part 8 *PW* Vol. 27, No. 5, (September 15, 1993) pp. 337-43.

McLaughlin continues his Fugio series with reverses H, HH, I, K, KK, L, and LL. He provides information at the top of each entry on the regular or pattern die in addition to dies states, strike order, census information, specimen bank and commentary.

(Thomas Serfass)

390 McCLOSKEY, JOHN W. The 1821 B6 Bust Quarter *JRJ* Vol. 7, Issue 3 (April 1993) pp. 18-19, illus.

This quarter sports a previously unidentified reverse die. The obverse of the B6 matches the B1 and B2 varieties. The major identifying characteristics of this reverse are: extended middle talon on right claw which goes through the lowest arrow shaft,

a very low U in UNITED (Right serif of U below upper serif of N), large period after 25 C, and a die line from leaf tip to dentils. A second example of this variety has also been found.
(*Thomas Serfass*)

391 PETERSON, PAM. David Rittenhouse: Mint Philosopher and Scientist. *NUM* Vol. 106, No. 8, August, 1993 pp. 1091-7, illus.

Biographical sketch of Rittenhouse focusing on his scientific achievements before coming to the Mint as well as his great friendships with both Benjamin Franklin and Thomas Jefferson. His tenure as Director of the Mint is also covered. (*Thomas Serfass*)

392 PRICE, ED. New Variety of 1803 Draped Bust Dime *JRJ* Vol. 7 issue 3, (April 1993) pp. 14-17, illus.

New variety 1803 JR5 has been discovered by the author which marries 1803 obverse 2 with 1803 reverse A. The obverse was also used on the 1803 JR4 dime. The reverse was more widely used on 1802 JR1, 1803 JR1 and 1802 Breen4 quarter eagle. Price offers an emission sequence which puts his new variety JR5 before both JR4 and JR1.
(*Thomas Serfass*)

393 REIVER, JULES. New Variety of 1794 Half Dollar Discovered by Bowers & Merena, *JRL* Vol. 7 Issue 4 (July 1993) pp. 32-37. Illus.

Andrew Pollack discovered a new variety of 1794 half dollar with obverse die (Overton O105) mated to a reverse not used on any variety O111. The new variety is distinguished by having two berries in the STA region, one berry under the S and another between the S and T. There is also a leaf under the left side of the right foot of A in AMERICA which does not appear on other reverses. This article contains photos of the STA and ICA regions of all the reverses of the 1794s for study and comparison. A clever full page mating chart of obverses and reverses is also included.
(*Thomas Serfass*)

394 ROMINES, DEL. Misuse of the Date Alignment Jig. *Gobrecht J* Vol. 19, issue 57, (July 1993) pp. 34-5, illus.

In an addendum to his previous article, Romines presents a template of coinage diameters showing the manner in which punches could misplace the date severely on various denominations, if the wrong locator hole were used with the punch. He further argues that in 1875 another hole was placed in the jig to accommodate the twenty cent piece.
(*Thomas Serfass*)

395 SCHWAN, FRED. A Collector's View of College Currency, *NUM* Vol. 16, No. 9, (September 1993) pp. 1229-37, illus.

A brief introduction to the specialty of business college currency issued as a practice tool or in some cases as actual credit vouchers at business/career schools. These schools issued this money from the middle 19th through the early 20th centuries and often used the same engravers and lithographers as the actual bank currency. Several schools are profiled. Some of the vignettes used were original productions and Schwan calls

them "extraordinarily beautiful". John A. Muscalus pioneered this collecting field and "kept it from slipping into oblivion". Schwan states there is a surprising variety of notes with several hundred schools with more than 500 issues spread over 40 states plus the District of Columbia. Neil Shafer has just finished editing a book on the subject written by Herb and Martha Schingoethe, *College Currency; Money for Business Training*. (BNR Press, Port Clinton, OH, 1993.) (Thomas Serfass)

396 SLABAUGH, ARLIE. Confederate States Paper Money, 8th ed. (Krause Pub., Iola, WI 1993), 128 pp. illus.

This valuable reference has been further improved in this new edition. A larger format, 16 additional text pages and 10 additional photographs enhance the work. The historical sections continue to be very informative and new retail price guides are provided for notes in six grades of preservation from good through uncirculated. The author also provides some guidance as to likely prices one might expect to realize when selling notes. (Thomas Serfass)

397 SMITH, MARK. More Multiple Marriages...A Triple Double Reverse Die *JRJ* Vol. 7 Issue 2 (January 1993) pp. 26-33. illus.

Multiple marriages of 1836 V5 with four different obverse dies (3 dates 1835 and 1836 V5) are the focus of this article. The sequence set out by Smith is as follows "1835 V4, 1835 V5 (first 1836 V5 (first marriage), 1835 V6 (second marriage) and finally 1836 V5 (second marriage with shattered reverse)." Specific details and support for the progression are given for each marriage as well as an enlarged (partial coin) photograph to illustrate that author's points. (Thomas Serfass)

398 SMITH, PETE. American Numismatic Biographies. *Gold Leaf Press, a division of the Money Tree, Rocky River, OH* 1992) 252 pp.

Pete Smith fills a gap in numismatic literature by collecting in one volume an extensive collection of short numismatic biographies. The scope of the work is impressive with over 1400 entries over a range of subjects including Mint officials, dealers, numismatic writers, artists, sculptors, and designers as well as the subjects of medals from missionaries to actors (John Wayne). The entries are concise and factual. Smith's introduction is helpful and he openly discusses his biases. A valuable tool for numismatic research for the quenching of numismatic curiosity. (Thomas Serfass)

399 SOUDERS, EDGAR E. Capped Bust Half Dollar Secrets: The Numerals *JRJ* Vol. 7 Issue 2 (January 1993) pp. 37-41.

A study focusing on the early date numeral punches, especially those produced by the Star family. Each digit is covered, not only describing stylistic variations, but also examining the retouching and finish work necessary to complete the punches. Completely hand cut numerals are distinguished from punched numerals in several cases. Souders also states that the numeral 9 punch from 1819 was not turned to serve as a 6 from the 1826 half dollar because the 6 is a smaller punch than the 9. (Thomas Serfass)

400 SURASKY, CHARLES. The First and Last Postal Notes 1883-94.

PM Vol. 32, No. 5, (September/October 1993) pp. 154-57, illus.

A brief introduction to these money order notes which is followed by the author's inquiry concerning the first and last of these notes in general and their varieties in particular. A table of the six varieties with the presently known first and last dates of each is provided. Apparently much research remains in this small collecting field and Surasky encourages anyone with these notes to contact him. (*Thomas Serfass*)

401 SWIATEK, ANTHONY. The "Orphan" Issue, *NUM* Vol. 106, No. 8 (August 1993) pp. 1082-89, 1145, illus.

The Arkansas Centennial commemorative half dollar's history is examined from the politics of the rejection of the original design to the issuance of the last coins in 1939. The issue was orphaned because the Arkansas Centennial Commission sold off their stocks of the coin at the end of 1936, primarily to our of state dealers so that it was available in most places, but not readily in Arkansas. There is an extended discussion of the pertinent details of this coin including surviving specimens, their condition and striking characteristics and the Robinson reverse and its story. (*Thomas Serfass*)

402 SWIATEK, ANTHONY. The Oregon Trail memorial half dollar. *COINS* Vol. 40, No. 11 (November 1993) pp. 66-76, illus.

Description and history of this long lived commemorative issue (1928-1939) complete with mintage and melt figures, current population estimates and grading information. This issue recorded a number of numismatic firsts including being the first commemorative half struck in Denver. (*Thomas Serfass*)

403 VAN RYZIN, ROBERT. Elgin designer's greatest work awaits a home. *Numismatic News* Vol. 42, No. 27, (July 6, 1993) pp. 18-22, 37. Ilus.

The sculpture "Pioneer Memorial" which was the model for the Elgin Illinois commemorative half dollar has no institutional home and remains in the Rovelstad family. A biography of Trygve Rovelstad (and information on his assistant Olivier Uytterbrouck) along with a synopsis of their work completes Van Ryzin's article. (*Thomas Serfass*)

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409 WRIGHT, JOHN and BURCH, TIM. A Fascinating 1795 Cent. *PW* Vol. 27, No. 5 (September 15, 1993) pp. 322-29, illus.

The discovery and attribution of 1795 NC2 (U.S. cent overstruck on Talbot, Allum & Lee New York one cent token) is recounted. The authors also provide background on the TA&L tokens as copper stock for the early Mint operations and how this coin came to be made and why it was illegal for the Mint to do so. (*Thomas Serfass*)

410 WHITE, WEIMAN W. Silver Coins and the Toning Process, *NUM* Vol. 106, No. 6 (June 1993) pp. 792-95, 85.

A scientifically based discussion of toning with practical advice on the probable outcome of cleaning an uncirculated coin. Using the example of sulfur, a widespread chemical contaminant which will tone exposed silver, White explains the process of

toning in chemical terms, relates the results of his experiments in removing toning from silver coins and provides a clear set of criterion the average collector can bring to a decision about whether to remove toning from a coin or not. Of course, the caveat that cleaning any coin endangers its numismatic value is also provided. *(Thomas Serfass)*

CANADA

411 CHURCH, MURRAY. Canada's Coinage Takes to the Road. *NUM* Vol. 106, No. 10, October 1993, pp. 1366-76. Illus.

The author explains several coins in this series from conceptual approval through the design process to their minting. Attention to historical accuracy has been given substantial emphasis in this intriguing series of coins which covers modes of transportation from aboriginal canoes to the Lancaster bomber. Canadian commemorative coins from this series will serve as a tangible historical source for the future presented in a durable, accessible and attractive format. *(Thomas Serfass)*

MEXICO, CENTRAL AND SOUTH AMERICA

412 BALAGUER, A.M. Le moneda española de Ultramar. *España y Génove* Expo Genove 92 (1992) pp. 179-91.

413 BARROS BORGONO, LUIS. San Martín y Medalla de Baylén. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 13-19 (1993).

Description of a medal commemorating the battle of Baylén in Napoleon's invasion of Spain in 1808 in which José San Martín participated. Reprint of an earlier article of 1943, with additional editorial comment. Illus. (H. P. Flatt)

414 BURZIO, HUMBERTO. José Toribio Medina, Numismático Americano. *Cuadernos de Numismática*, Vol. XX, No. 89, pp. 2-12 (1993).

Survey of the numismatic works of the famous Chilean scholar. Reprint of an earlier article of 1952. (H. P. Flatt)

415 CUNIETTI-FERRANDO, ARNALDO J. Las Monedas Potosinas del Escudo Coronado, 1573-1652. *Cuadernos de Numismática y Ciencias Historicas* Vol. XVII No. 75 Buenos Aires, December 1990, pp. 23-29 illus.

The first installment of the author's sequence on Potosi coinage from 1573 until 1652. Early cuartillos and half reales are discussed as well as dies of higher denominations. (K.M. Dym)

416 CUNIETTI-F. *Cuadernos de Numismática y Ciencias Historicas* Vol. XVIII No. 76 (April 1991) pp. 35-42.

Continuation of former entry. Cunetti comments on details of dies and discusses assayer marks under Philip II, in the light of recent publications. (K.A. Dym)

417 CUNIETTI-F. *Cuadernos de Numismática y Ciencias Historicas* Vol. XIX No. 81 (April 92) pp. 47-54 illus.

Continuation of the former entry. This chapter deals with the mint's assayers Ballesteros, Alvarez and Ramos at the end of the 16th and the beginning of the 17th century. (K.A. Dym)

418 CUNIETTI-F. *Cuadernos de Numismática y Ciencias Historicas* Vol. XIX No. 82 (June 92) pp. 41-49 illus.

Continuation of the former entry. Assayers de la Quadra, his successor who used the letter M and Paredes de Ulloa are discussed. The author supposed that there was also an assayer mark C during de la Quadra's term. (K.A. Dym)

419 CUNIETTI-F. *Cuadernos de Numismática y Ciencias Historicas* Vol. XIX

No. 85 (Buenos Aires December 1992) pp. 43-57 illus.

A further article of this sequence in which the author discusses Potosi mint's assayers, active between 1618 and 1647. (K.A. Dym)

420 CUNIETTI-F. *Cuadernos de Numismática* Vol. XX No. 87 (Buenos Aires June 93) pp. 39-56 illus.

Sequence to the former, describing the activity of assayer Rodas and countermarkings on Potosi coinage of 1649-1651. (K.A. Dym)

421 DE CARA, JOSE EDUARDO. Mitre y Los Estudios Numismático Americana. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 27-34 (1993).

A short review of the history of numismatic studies and organizations in Argentina, with particular reference to the contributions of General Mitre. Illus. (H. P. Flatt)

422 Dictamen de DON JOSE RODRIGUEZ DE CARASSA del orden de Calatrava y Ensayador Mayor del Reino del Peru y de la Real Casa de Moneda de Lima. Edited by Tauro del Pino, A. Published by Banco Central de Reserva del Peru. (Lima 1990) 197 pp.

Modern Spanish transliteration of a manuscript composed between 1761 and 1770 by Rodriguez de Carassa, J. Report and analysis of economic factors governing the mint's activity such as prices of precious metals, desirable denominations, calculations of the effect of the 1728 ruling whereby the silver content was reduced to 4 grains, remuneration of assayers, number of silverbars to be assayed, the composition of the alloys etc., altogether submitted in twelve propositions; pp. 25-130. Followed by an addition by LAZO GARCIA, C., clarifying aspects of monetary policy and assaying procedures in 18th century Peru, pp. 134-197. (K.A. Dym)

423 DYM, K.A. Los nsayadores de la Ceca de Potosi al tiempo del gran engaño. 1645-1648. *Cuadernos de Numismática y Ciencias Historicas*, Vol. XX No. 87. (Buenos Aires June 1993) pp. 19-21.

New information on the repeated changes of assayers at the Potosi mint as the time of the fraudulent silver grade. Assayer Luis de Peralta resigned on September 4, 1647. That same day Pedro Zambrano was appointed to fill the vacancy but, on an as yet unknown date, he was replaced by Felipe Ramirez. Zamorano was appointed again on July 6, 1648 because Ramrez was imprisoned. Photo of a 1646 coin, with mintmark P as well as the assayermark P of Peralta. (K.A. Dym)

424 FERRARI, JORGE and MTCHELL, OSVALDO. Rosiario Grande, Grabador de Buenos Aires. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 49-52 (1993).

An overview of the life and works of Rosario Grande (1843-1917), a distinguished engraver of medals in Argentina. Reprint of an introduction to a catalog of his work written in 1971. Illus. (H. P. Flatt)

425 LAZO GARCIA, C.; TORRES BOHL, J. and ARANA

BUSRAMANTE, L. La Hornaza: Taller Colonial de Acuñacion de Macuquinas. *Cuadernos de Historia Numismática III* (1991). Banco Central de Reserva del Peru, Secc. Numismática. Lima. Pp. 1-22 and transcripton of relevnt historical documents pp. 25-77.

Narrative of operations in the "hornaza" (monnayers workshop) at the Potosi and Lima mints, where the alloyed silver bars were transformed into hand hammered coinage. With copies of deeds of transfer of ownership of the hornazas and of accounts of cost of their operation in the 17th century. (K.A. Dym)

426 MANTEL, JUAN CARLOS. Las Ordenes de Caballeria. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 39-48 (1993).

A discussion of the origin of orders of chivalry and types of medals associated with these orders. A listing of Latin-Ameican orders is included. Ill. (H. P. Flatt)

427 MAROTTA, OSCAR and MORUCCI, MIGUEL A. El Error "CROLUS" en Un Medio Real Potosino de 1778. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 35-37 (1993).

Descriptions of two error coins of the Potosí mint made in 1778, including some background on the first coins of that mint. Illus. (H. P. Flatt)

428 MITCHELL, OSVALDO. La Impression de Papel Moneda en Buenos Aires a Fines de Los Siglos XIX y XX. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 53-55 (1993).

A comparison between measures taken in 1899 and 1987 to combat the counterfeiting if banknotes in Argentina. (H. P. Flatt)

429 PRATT MAYANS, M.A. and PUSINERI SCALA, C.A. Billetes de Paraguay, catalogo 1847-1989. First edition. Miguel Angel Pratt Mayans (1990) pp. 162, illus.

Catalog of Paraguayan paper money. Text Spanish and English; valuations in U.S.\$. (K.A. Dym)

430 SEGHIZZI, LUIS. Casa de Moneda de La Rioja. Monedas de Plata del Año 1826. *Cuadernos de Numismática* Vol. XX, No. 89, pp. 21-25 (1993),

A detailed description of the coins made in 126 in the provincial mint of La Rioja. Reprint of an earlier article of 1959. (H. P. Flatt)

MEDALS AND DECORATIONS

431 *America. Bruid van de zon. 500 jaar Latijns-Amerika en de Lage Landen* [America, Bride of the sun. 500 years Latin America and the Low Countries]. (Antwerpen, Ministerie van de Vlaamse Gemeenschap-Imshoot books, 1992) 528 pp. illus.

Contains short notes by W. Louwet on some very rare Renaissance medals (pp. 262-73) and a general comment on the coinage of the period (pp. 341-6). (*Johan van Heesch*)

432 ATTWOOD, PHILIP. Robert Johnson and a railway centenary medal *BNJ* 61 (1992), 139-140, illus.

Correspondence between Leonard Ropner, Mayor of Stockton-on-Tees, and Robert Johnson, Deputy Master of the Royal Mint concerning a medal commemorating the railway centenary of 1925, illustrates Johnson's persuasiveness in attracting medal commissions to the Mint. Despite this, Ropner gave the commission to the Birmingham manufacturer W. J. Dingley. (*Author*)

433 ATTWOOD, PHILIP. The medal collection of the Duke and Duchess of Windsor. *The Medal* no. 23 (Autumn 1993), pp. 34-41, illus.

434 BAGWELL PUREFOY, PETER. A flight of fancy. *The Medal* no. 20 (Spring 1992), pp. 102-04, illus.

Discusses the origins of Pisanello's medal-making. (*Edward M. Besly*)

435 BARCLAY, C. and YOUNG, FIONA. Badges of honor: socialist art and the Soviet medal 1918-1991, *The Medal* no. 22 (Spring 1993) pp. 61-72, illus.

436 BARCLAY, C.P., G.W. DeSaulles, engraver to the Mint, *The Medal* no. 20 (Spring 1992), pp. 54-55. illus.

The career and coinage and medal designs of the British engraver George William de Saulles (1862-1903) are described. (*Edward M. Besly*)

437 BARCLAY, CRAIG and SYSON, UKE. A deal die rediscovered: a new work by Nicholas Hilliard, *The Medal* no. 22 (Spring 1993), pp. 3-11, illus.

The die for the medal of Elizabeth, Countess Palatine, c. 1613, by Nicholas Hilliard, is published and discussed. (*Edward M. Besly*)

438 BENZAKEN, JEAN-CHARLES. Monnayage et politique: l'atelier

moetaire de Toulouse en 1792-1793, *The Medal* no. 20 (Spring 1992), pp. 35-45, illus.

439 BORNE, A. Les insignes privés de sociétés d'Anciens militaires (suite). *Militairia Belgica* (1992) pp. 47-59, illus.

440 BOUBIKOVA-JAHNOVA, JULANA. Early sixteenth-century portrait medals from Jachymov, *The Medal* no. 22 (Spring 1993), pp. 12-18, illus.

441 BOURNE, MARCY LEAVITT. *In the Round: Contemporary Art Medals of the World: an appreciation.* *The Medal* no. 22 (Spring 1993), pp. 102-119, illus.

The writer reviews the FIDEM 1992 exhibition *In the Round* and its accompanying catalogue. (Edward M. Besly)

442 BOURNE, MARCY LEAVITT. In pursuit of the portrait medal, *The Medal* no. 23 (Autumn 1993), pp. 77-83, illus.

443 BHREATHNACH-LYNCH, SIGHLE. Public sculpture in independent Ireland 1922-1972 *The Medal* no. 21 (Autumn 1992) pp. 44-52, illus.

444 British Art Medal Society. BAMS: the first ten years, *The Medal* no. 20 (Spring 1992), pp. 3-18, illus.

A complete list, with illustrations, of the medals issued by the B.A.M.S. during its first ten years. (Edward M. Besly)

445 BRUHN, DIETER and SCHMIDT, AXEL. Suhler Medailleure (Suhl: Waffnmuseum Suhl, um 1993.) pp. 29, illus.

This discusses the traditional Suhler medallic work. (Paul Arnold)

446 BUCHET, A.R., VAN LAERE, R., and WILLEMANS, M. *Belgische medailles belges 1991.* (Hasselt, Provincie Limburg, 1992) s.p. illus.

Contains the description of some 95 Belgian medals edited in 1991. (Johan van Heesch)

447 CANCIO, L. La medalla del ecueducto de La Habana. *Gaceta Numismática*, 109. Asociación Numismática Española, Barcelona. (1993) p. 71.

448 CHIKAN, BALINT. The medallic art of György Kiss. *The Medal* no. 21 (Autumn 1992), pp. 64-71, illus.

449 CIOFU, VALERIU. Voievodul Mircea cel Batrim ilustrat în medalii [Prince Mircea the Old in Medals]. *BSNR* Vol. 80-85 (1992) pp. 233-46 illus. French summary.

The author presents seventeenth medals dedicated to the Romanian Prince Mircea the Old between 1905-1988. (Constantin Preda)

450 COCH, HARTMUT. Bildhauer Adolf Lehnert, Leipzig, und die Schule der Medailleure an der Akademie für graphische Künste und Buchgewerbe. (Saalfeld: Selbstverlag des Verfassers, 1993.) 143 pp. illus.

The author discusses the skill in Adolf Lehnerts at the Leipzig medal school and that of the Leipzig artists. (Paul Arnold)

451 COKE, KAREN. Henry Moore as medallist, *The Medal* no. 21 (Autumn 1992) pp. 52-53, illus.

Six medals by the sculptor Henry Moore, for the ninth centenary of Chichester Cathedral, are discussed. (Edward M. Besly)

452 CONNOR, PAUL. Company patronage: plaque and medal, *The Medal* no. 22 (Spring 1993), pp. 82-5, illus.

Medals, sculpture and a plaque by Ron Dutton are illustrated. (Edward M. Besly)

453 CONNOR, PAUL. Take one medal, *The Medal* no. 21 (Autumn 1992), pp. 102-103, illus.

Discusses Jane McAdam's *Picasso* (1981). (Edward M. Besly)

454 DA SILVA, CARLOS BAPTISTA. La medaille Portugaise au XXem siecle. *The Medal* no. 20 (Spring 1992), pp. 88-93, illus.

455 DETHLEFS, GERD. Zur gegenwärtigen deutschen Medaillenkunst: eine Bestandsaufnahme, *The Medal* no. 21 (Autumn 1992), pp. 76-84, illus.

A review of medallic art in Germany, and the effects of unification upon it.

456 DUCHAMP, MICHEL. L'imperatrice Marie Louise telle que l'a gravee Santarelli, *The Medal* no. 20 (Spring 1992), pp. 46-53, illus.

(Edward M. Besly)

457 DUCHAMP, MICHEL. Un portrait en came d'un ignoto retrouve son identite. *The Medal* no. 22 (Spring 1993), pp. 34-40, illus.

An eighteenth-century cameo in Vienna is identified as being of the masonic grand master Ferdinand of Brunswick (1721-92). The Walther family of goldsmiths and gem-engravers is discussed. (Edward M. Besly)

458 DUNN, PHILIP. The Klugmann collection of political medals and tokens. *The Medal* no. 20 (Spring 1992), pp. 54-55, illus.

A collection of 152 medals relating to British political history is described. (*Edward M. Besly*)

459 DUTTON, RON. FIDEM 1992: the artists' lectures, workshops and demonstrations, *The Medal* no. 22 (Spring 1993) pp. 102-19, illus.

460 EONAMUSA, L.L. Les medalles del Seló Nautic de Barcelona. *Gaceta Numismática*, 109. Asociación Numismática Española Barcelona. (1993) pp. 69-70.

461 EIMER, CHRISTOPHER. Staneby Alcorne and his manuscript. *The Medal* no. 21 (Autumn 1992) pp. 38-39.

462 FORSYTH, HAZEL. Satirical and controversial medallic pipe stoppers. *The Medal* no. 21 (Autumn 1992), pp. 34-37, illus.

A group of seventeenth century English copper alloy pipe stoppers incorporating medals of the "Pope-Devil" and "Cardinal-fool" types is discussed. (*Edward M. Besly*)

463 HAHNE, HORST. A self-portrait, *The Medal* no. 22 (Spring 1993), pp. 73-76, illus.

The writer, who is Chief Engraver at the Royal Australian Mint, describes his career. (*Edward M. Besly*)

464 HANNIG, PETER. Die Medaillenserie auf Päpse von Tobias Wolff: ein Betrag zum Vorlagenwesen, *The Medal* no. 22 (Spring 1993), pp. 19-26, illus.

A series of 28 cast silver medals by Tobias Wolff (active 1561 onwards) depicting popes in chronological order from Urban VI to Gregory XIII (1572-85) published and discussed. (*Edward M. Besly*)

465 ILIESCU, OCTAVIAN and IEVREINOV, ALEXANDRU. Alecsandri în medalistica româneacă. [Alecsandri in Romanian]. *BSNR* Vol. 80-85 (1992) pp. 227-32 illus. French summary.

The authors present the medals dedicated to the great Romanian poet Vasile Alecsandri between 1879-1940. (*Constantin Preda*)

466 LANDI, G. *Numismatique de l'assurance*. Belgique. (Brussels, Generali Group, 1992) 95 pp. illus.

467 LINK, EBERHARD. Die armen Eltern. Erst Vierlinge, dann Zwillinge. Betrachtungen zur klippenförmigen Medaille auf die Schlacht von Höchstädt und das Kinder-Friedensfest in Augsburg. *GN* 28 1993, no. 156, pp. 162-65, illus.

A 1704 medal from Augsburg relating to peace and showing a woman with two small children and a man with four larger children has often been described as parents with their children. The author corrects this as a teacher and a mistress with their pupils celebrating a peace prayer during the French-Spanish war. (*Peter Ilisch*)

468 MARTINY, V.G. L'Académie royale d'Archéologie de Belgique trois fois jubilaire 1842-1992. *Revue belge d'Archéologie et d'Histoire de l'Art* Vol. 61 (1992) pp. 11-74.

Contains a chapter on the medals struck by this society (pp. 34-6). (*Johan van Heesch*)

469 HERBER, OTTO. The medals of the German Technical College of Prague, *The Medal* no. 22 (Spring 1993), pp. 49-54, illus.

470 HERBER, OTTO. Slovak universities and colleges and their medals. *The Medal* no. 20 (Spring 1992), pp. 69-76, illus.

471 HEWITT, VIRGINIA. Circles in bronze, symbols of life. *The Medal* no. 22 (Spring 1993), pp. 86-90, illus.

Reviews the work of Ron Dutton's *Circles in Bronze* exhibition. (*Edward M. Besly*)

472 HUGUENIN, ANNE-MARIE. Roger Huguenin-medailleur, 1906-1990, *The Medal* no. 23 (Autumn 1993), pp. 42-47, illus.

The writer, the second wife of the Swiss sculptor Roger Huguenin, recalls her husband's studio, which was their home, and illustrates eight of his medals. (*Edward M. Besly*)

473 HUGUENIN, PAUL. La medaille: tentative de définition, *The Medal* no. 23 (Autumn 1993), pp. 84-85, illus.

The author believes that circularity is unimportant, but that the medal should be of such a size that it can be held in the hand. He quotes approvingly the Italian medallist O.P. Orlandini: "the medal is to sculpture what the poem is to the novel." (*Author*)

474 JACKSON, PAULA. Fascinating, friendly, formidable: FIDEM 1992, *The Medal* no. 22 (Spring 1993), p. 91.

A brief personal review of the bi-annual FIDEM conference, held in 1992 in London. This is followed by six pages of photographs of the event. (*Edward M. Besly*)

475 KOVASZNAI, VIKTORIA. The eighth national biennial of medallic

art at Sopron, *The Medal* no. 20 (Spring 1992), pp. 82-87, illus.

476 LE CALLOC'H, BERNARD. Nouvelle médailles consacrées à Alexandre Csoma de Kőrös, *The Medal* no. 23 (Autumn 1993), pp. 63-70, illus.

This catalogue brings up to date the medals of the Hungarian Tibet scholar Scandor Csoma de Kőrös published in *The Medal* no. 13 (Autumn 1988), pp. 73-84. The production of such medals has been encouraged by the adoption of his name by various Hungarian scholarly institutions and by the celebration of the 150th anniversary of his death in 1992. (Author)

477 MIRNIK, IVAN. Antonio Abondio's Rudolph II medal, *The Medal* no. 21 (Autumn 1992), pp. 20-23, illus.

478 MIRNIK, IVAN. Benno Elkan's portrait of Milka Ternina, *The Medal* no. 23 (Autumn 1993), pp. 27-28, illus.

479 MIRNIK, IVAN. Medals by Mola and Morone Mola in Zagreb. *The Medal* no. 22 (Spring 1993), pp. 27-33, illus.

480 MULLALY, TERENCE. A renaissance? The medal and medal studies in Russia, *The Medal* no. 21 (Autumn 1992), pp. 89-94, illus.

481 MODESTI, ADOLFO. The papal series of Saint-Urbain, in *RIN* XCIV, 1992, pp. 279-311, illus.

A group of 16 papal medals is presented (from Pietro to Giovanni XXII), the work of the engraving of Ferdinand de Saint-Urbain (1654-1738). (Andrea Carignani)

482 MULLALY, TERENCE. Laimdota Griķe: medals from a country reborn, *The Medal* no. 23 (Autumn 1993) pp. 55-62, illus.

Medals of the Latvian artist Laimdota Griķe (b. 1953). (Edward M. Besly)

483 MULLALY, TERENCE. Ivanka Mincheva: medals for our times, *The Medal* no. 23 (Autumn 1993), pp. 71-76, illus.

Medals by this Bulgarian artist are discussed. (Edward M. Besly)

484 MULLALY, TERENCE. The medal in Bulgaria: an art with a future. *The Medal* no. 22 (Spring 1993), pp. 77-81, illus.

485 PEERS, JULIET. "A gift to us from Australia": Bertram Mackennal's Olympic medals 1908, *The Medal* no. 23 (Autumn 1993), pp. 29-33, illus.

486 PEERS, JULIET. "A rare and difficult art": the career of the

Australian medallist Dora Ohlfsen, *The Medal* no. 21 (Autumn 1992) pp. 40-43, illus.

487 PENNELL, RONALD. Jiri Hrcuba, *The Medal* no. 21 (Autumn 1992) pp. 54-63, illus.

488 PICKUP, DAVID. John Croker and the Alchorne manuscript, *The Medal* no. 20 (Spring 1992), pp. 19-31, illus.

A manuscript volume of medal designs by John Croker between 1706 and 1732 is discussed. A translation of J.H. Lochner, *Samlung Merkwürdiger Medaillen* viii (1744), dealing with Croker is given as an appendix. (Edward M. Besly)

489 PICKUP, DAVID. The London and Greenwich Railway medal, *The Medal* no. 23 (Autumn 1993), pp. 22-24, illus.

490 POL-TYSZKIEWICZ, JADWIGA. Christiaan Johannes van der Hoef 1875-1933, *The Medal* no. 22 (Spring 1993), pp. 41-48, illus.

The work of this Dutch medallist is discussed. (Edward M. Besly)

491 POPA, CORNELIU and CURDOV, NICOLAE. Opera medalistică a scukotirukui Iom Jalea [medalistic Work of the Sculptor Ion Jalea]. *BSNR* Vol. 80-85 (1992) pp. 247-62 illus. French summary.

The authors present the medals produced by the Romanian sculptor Ion Jalea (1887-1983). (Constantin Preda)

492 POPESCU, ADRIAN. Medalii si plachete din colectia Cabinetului de stiinte auxiliare al Facultatii de Istorie din Bucuresti. [Medals and Placques from the Collection of the Department of the Auxiliary Sciences of the History Faculty from Bucharest]. *CSSAI* Vol. 2 (1990) pp. 46-53.

The author presents 9 medals from the collection of the History Faculty from Bucharest, which belong to the collection of the History Faculty from Bucharest. (Constantin Preda)

493 RASMUSSEN, ELSE. *Medaljudstillingen* Den kgl Møont-og Medaillesamling (Copenhagen 1992). 56 pp., illus. In Danish.

A new guide book to the rearranged medal exhibition in the Danish National Museum.

494 SCHER, STEPHEN K. Connoisseurship of the medal: a supplement to the exhibition catalog *The Currency of Fame: portrait medals of the Renaissance*, *The Medal* no. 23 (Autumn 1993) pp. 3-11, illus.

495 SCHIAPACASSE, FERNANDO GUZMAN. Chilean medals: 1760

to the present, *The Medal* no. 23 (Autumn 1993), pp. 25-26, illus.

496 SLARKE, EILEEN. Australia in Ravena *The Medal* no. 21 (Autumn 1992), pp. 100-101, illus.

Australian representation at the Biennale Internazionale del Bronzetto Dantesco is reviewed. (Edward M. Besly)

497 SMARANDA, AURICA. Placheta prof. dr. Stefan Minovici [The Plaque of the Prof. Dr. Stevan Minovici]. *BSNR* Vol. 80-85 (1992) pp. 263-65 illus. French summary.

This plaque is dedicated to the prof. dr. Stefan Minovici in 1922 on the occasion of his 25 years at the School of Pharmacy in Buchaest. (Constantin Preda)

498 SMITH, THURMAN L. Luther and the cult of Hus in medallic art. *The Medal* no. 20 (Spring 1992), pp. 24-33, illus.

499 SOLOWIEJ-WEDDERBURN, DANUTA. A weekend in Leamington, *The Medal* no. 23 (Autumn 1993), pp. 86-87, illus.

A short report on the British Art Medal Society annual congress, 1993. (Edward M. Besly)

500 STEGUWEIT, WOLFGANG. Die Nuejahrsmedaillen des Berlinger Medailleurs Wilfried Fitzenreiter, *The Medal* no. 20 (Spring 1992) pp. 82-87, illus.

501 STOCKER, MARK. Reverse and obverse: New Zealand medallions, *The Medal* no. 21 (Autumn 1992), pp. 95-99, illus.

502 Taelman, J. Brugse legpenningen. Legpenningen van de Magistraat Brugge, het Brugse Vrije, de Kamer van de Makelaars, de Proosdij Sint-Donaas en diverse belangrijke penningen geslagen voor het graafschap Vlaanderen. (Brugge 1992) 108 pages, illus.

This exhibition gives in five sections the illustrated description of 62 counters and similar small medals, struck by order of the city of Bruges.

The oldest piece dates from the reign of the emperor Charles V and was made at Bruges in 1497 for Margareth of Austria, regent in the Southern Netherlands. The most recent piece is a small medal issued in 1878 to commemorate the visit of the Royal Numismatic Society to Bruges.

The fine illustrations and the most accurate descriptions with all known minor variants

is complemented by extensive bibliographic notes. (*Raf van Laere*)

503 TALVIO, TUUKKA. Gallen-Kallela ja "Suomen ruusu". [Gallen-Kallela and "The Rose of Finland"]. *Numismaattinen Aikakauslehti* No. 4 (1993) pp. 107-10 illus.

The role of the artist A. Gallen-Kallela in the designing of the insignia of the orders of the White Rose of Finland and the Cross of Liberty is discussed. (*Author*)

504 TALVIO, TUUKKA. Gudmund Adlerbeth: a noble character recalled, *The Medal* no. 20 (Spring 1992), pp. 32-34, illus.

Adlerbeth was a Swedish royal secretary, who in 1791 published a work on the designing of medals. The man and his work are discussed. (*Edward M. Besly*)

505 TURPIN, JOHN. Oliver Sheppard's medals for Trinity College Dublin and the Tailteann festival, *The Medal* no. 22 (Spring 1993), pp. 49-54, illus.

506 WADDINGTON, RAYMOND B. Graven images: sixteenth century portrait medals of Jews, *The Medal* no. 23 (Autumn 1993), pp. 12-21, illus.

507 WALDMAN, LOUIS. A Livian plaquette by master Io. F.F. *The Medal* no. 21 (Autumn 1992) pp. 16-19, illus.

A late fifteenth century Italian plaquette signed Io. F.F., is discussed and identified as portraying the revolt of Volero Publilius in 473 B.C. (*Edward M. Besly*)

508 WALDMAN, LOUIS. A medal of Paul II after a design by Fouquet, *The Medal* no. 21 (Autumn 1992), pp. 3-15, illus.

A gold medal of Pope Paul II, struck c. 1467 is discussed. (*Edward M. Besly*)

509 WALLIS, ROSEMARY RANSOME. The Worshipful Company of Goldsmiths portrait medals commission, *The Medal* no. 20 (Spring 1992), pp. 98-101, illus.

Portrait medals of five recent Prime Wardens of the Company are illustrated. (*Edward M. Besly*)

510 WEHNER, TIBOR. The medals of Maria Lugossy, *The Medal* no. 21 (Autumn 1992), pp. 72-75, illus.

511 WEHNER, TIBOR. The splendour of life: the medallic art of Jozef Palotas, *The Medal* no. 23 (Autumn 1993) pp. 48-54, illus.

Medals by this Hungarian artist (b. 1947) are illustrated and discussed. (*Edward M. Besly*)

512 WIPPLINGER, EVA. Neubeginn der Medaillenkunst, *The Medal* no. 21 (Autumn 1992), pp. 85-88, illus.

The interpretation of the theme "new beginnings" by nine Munich medallists is discussed.
(Edward M. Besly)

513 ZEDELIUS, VOLKER. Pelegrinatio-ein bisher unbekanntes rheinisches Pilgerzeichen aus Köln. *Arcäologie im Rheinland* 1992, Köln (Rheinland-Verlag) 1993, pp. 164-65, illus.

A square medieval uniface pilgrim badge with Christ and St. Peter is attributed to Cologne.
(Peter Ilisch)

PAPER MONEY

514 BUCKLAND DIX AND WOOD. World War II Treasure Ship: Unique Paper for Printing Banknotes Discovered. *IBNS* Vol. 32 No. 2 (July 1993) p. 37.

The salvage and sale at auction of banknote paper intended for Reserve Bank of India notes, sunk on the S.S. *Breda* in Ardmucknish Bay, Scotland, 23 December 1940, is described.
(Joseph E. Boling)

515 CAMPBELL, LANCE. Natzweiler Camp Note Discovered. In M.M. Archibald and M.R. Cowell (eds.), *BNR* Vol. 21 No. 5 (May 1993) pp. 35-6, illus.; reprinted in *IBNS* Vol. 32 No. 2 (July 1993) pp. 17-18 illus.

The discovery of a cancelled Tm O.50 *Prämienschein* note from the Natzweiler concentration camp is reported, with a history of the camp (in the Alsace region of France) and speculation about why no note had been previously found from this camp, which had forty subcamps with a combined population of over 20,000 prisoners.
(Joseph E. Boling)

516 COLLINET, P. Les faux billets de 100 francs ou 20 belgas. *Vie num* Vol. 42 No. 5 (1992) pp. 147-58.

517 COLLINET, P. Les faux billets de 100 francs (Type 1921-Série nationale). *Vie num* Vol. 42 No. 6 (1992) pp. 185-8.

518 COLLINET, P. Les faux billets de 50 francs ou 10 Belgas. *Vie num* Vol. 42 No. 7 (1992) pp. 222-9.

519 COLLINET, P. Les faux billets de 500 francs ou 100 Belgas. *Vie num* Vol. 42 No. 8 (1992) pp. 265-8.

520 FISHER, JACK H. 1960 First Issue Kuwait Notes and Amir Abdallah Al-Salem Al-Sabah. *IBNS* Vol. 32 No. 2 (July 1993) pp. 28-34 illus.

A brief history of Kuwait (with a 2600-year chronology table), a biography of the amir, and a description of the 1960 note issue are presented. (*Joseph E. Boling*)

521 HEINONEN, ANTTI. Entisen Neuvostoliiton alueen setelit [New banknotes from the former Soviet Union]. *Numismaattinen Aikakauslehti* No. 4 (1993) pp. 118-21 illus.

522 JELLUM, WALTER. Russian Spitsbergen Paper Money. *IBNS* Vol. 32 No. 2 (July 1993) pp. 11-16, illus.

Notes and coins of the Russian state coal company *Artikugol*, issued since the 1930s in Spitsbergen, are presented, with a comprehensive history of other nations' operations there since the turn of the century. (*Joseph E. Boling*)

523 KUPA, MIHALY. The Greatest Inflation in the World: Hungary 1945-46. *IBNS* Vol. No. 3 (September 1993) pp. 22-23 illus.

A comprehensive review of the Hungarian hyperinflation is presented, with details about overprinted revenue stamps and Hungarian Postal Savings Bank notes that circulated as currency supplements. (*Joseph E. Boling*)

524 LLUECA I UBEDA, E. Les émissions de paper moneda en la Vall de Segó, 1936-39. *Ajuntament de Quartell*. (1993) p. 64.

525 MICHAELIS, ANTHONY R. OVD--The Bank Notes of the Future. *IBNS* Vol. 32 No. 3 (September 1993) pp. 5-14, illus.

The constant contest between governments and counterfeiters is reviewed, and Australia's development of hologram-like optical variable devices (OVD) is detailed. The author cites opinions that the OVD, now in use on the notes of six countries, will place the note-printers in the superior position for the time being. (*Joseph E. Boling*)

526 RIXEN, JENS-UWE. Das Lagergeld von Bando (Japan). *Der Geldscheinsammler*, (July 1993) p. 22, illus.

The second type of camp note from the Japanese camp for German POWs at Bando is presented. This camp was for Germans captured when Japan occupied Tsingtao in 1914. Bando is a town near Tokushima on the island of Shikoku. (Joseph E. Boling)

527 SCHINGOETHE, HERB and SCHINGOETHE, MARTHA. *College Currency: Money for Business Training*. Neil Shafer, ed. (Port Clinton, Ohio, BNR Press 1993). 464 pp. illus. ISBN 0-931960-24-X.

Training currency and stamps used by business schools and business textbooks (primarily of the 19th century United States) are presented, supplemented by material on rewards of merit and toy money. Thousands of issues are listed. (Joseph E. Boling)

528 SCHÖNE, MICHAEL H. The New Reichsmark Coupon Money of 1949. *IBNS* Vol. 32, No. 3 (September 1993) pp. 15-18, illus.

The revalidated rentenmark and Reichsmark notes of the Soviet zone of occupied Germany are presented, including entry excerpts from the implementing orders. The author states that preparation of a unified currency for all four zones had proceeded to the proof note stage, but that the breakdown of relations between the Soviets and the other occupying powers led to its being scrapped. No description of the unified currency is provided. (Joseph E. Boling)

529 SCHWAN, FRED. Collecting Stocks and Bonds. *IBNS* Vol. 32, No. 2 (July 1993) pp. 19-27, illus.

An overview of stock and bond collecting is presented, including summaries of the various specialty and topical approaches to collecting, and sources of information and material. (Joseph E. Boling)

530 SOUZA, DIMAS S. *Cédulas Brasileiras 1942-1992 (5th ed.)*. (São Paulo, Perfecta Artes Gráficas, Ltda, 1992). 128 pp. illus. in color.

Brazilian banknotes are presented in detail, by signature and series variety, with all signatories identified, starting with the 1942 cruzeiro issues and proceeding through four currency terms to the present return of the cruzeiro. (Joseph E. Boling)

531 STIBLAR, STANISLAV. Paper money in Bosnia and Hercegovina. *IBNS* Vol. 32 No. 2 (July 1993) pp. 8-10, illus.

The note issues of Bosnia and Herzegovina from 1990 through early 1993 are presented, starting with over stamped Yugoslavian notes and proceeding to locally printed notes for general and regional use and "coupons" for use in Sarajevo. Notes of the Serbian province in Croatia are also covered. (Joseph E. Boling)

532 SYMES, PETER. Security Threads. *IBNS* Vol. 32 No. 3 (September 1993) pp. 33-35, illus.

A short history of the security thread is presented, followed by a review of the many ways they are used today, with microprinting in Roman or local scripts, windowing, fluorescent or colored sections, morse coded patterns, and contoured edges, any of which can be on metallic or synthetic threads. *(Joseph E. Boling)*

TOKENS AND JETONS

533 DENAYER, A. A propos d'un méreau liégeois. *Vie num* Vol. 42 No. 3 (1992) pp. 82-3.

A curious and enigmatic metal of 1817 struck for the Sint Nicolas parish is described (also published in *RBN*, 1887, pp. 249-50. *(Johan van Heesch)*

534 MAYS, MELINDA R. John Bayoce at ye Black Dog: an unpublished Seventeenth century token from York, *BNJ* 61 (1992), 132-133, illus.

535 OCHESEANU, RADU; MIHAI, C.; DIMA, MARIAN and SAMOILA, STEFAN. Jetonane românești inedite ori mai puțin cunoscute [Unpublished and less known Romanian Jetons]. *BSNR* Vol. 80-85 (1992) pp. 183-222 illus. French.

The authors present a number of 227 Romanian jetons from different categories and varied uses. *(Constantin Preda)*

536 WEILLER, RAYMOND. Jetons en carton de cafés luxembourgeois, (Luxembourg, 1993). 32 pp. and 20 plates.

The Musée National d'Histoire et d'Art-Luxembourg collection of 243 modern cardboard tokens, representing money substitutes used at skittles, is published and fully illustrated. *(Author)*

537 WILLEMANS, M. *Gemeentepennomgen van België: medailles, biljetten*. (Sint-Niklaas, Author, 1992) 98 pp.

This collectors' catalogue contains the tokens issued by Belgian towns and villages during approximately the last twenty years. *(Johan van Heesch)*

REVIEWS

ARNOLD-BIUCCHI, CARMEN. *The Randazzo Hoard*. *ANS Numismatic Studies* No. 23 (1990). Reviewed by C. Boehringer, *SNR* 71 (1992) pp. 203-209.

ARNOLD, P., FISCHER, M., ARNOLD, U., Friedrich Wilhelm Hörnlein 1873-1945, 1992. Reviewed by R. Grund, *The Medal* no. 23 (Autumn 1993), pp. 94-95, illus.

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ATTWOOD, P. *British Museum Occasional Paper No. 76, Acquisitions of Badges 1983-1987, 1990* Reviewed by C. P. Barclay, *BNJ* 61 (1992), 158.

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COOPER, DENIS R. *The Art and Craft of Coinmaking: A History of Minting Technology*. London, 1988. Reviewed by Frank Van Zandt, *The Asylum* 11:3 (Summer 1993) p. 10.

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DUNCAN, G.L. Coin circulation in the Danubian and Balkan provinces of the Roman Empire A.D. 294-358. (London 1993) Reviewed by Katalin Biró-Sey, *NNF-Nytt* No. 2 (1993) pp. 68-69.

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DAVESNE, A. and LE RIDER, G. Le Trésor de Meydancikkale (Cilicie Trachée 1980) Gulnar II Paris (1989) Reviewed by U. Rappaport IÉY Vol. 42 Nos. 3-4 (1992) pp. 273-74.

ERLANDSEN, HANS CHRISTIAN. *Pengar av pair. Seddelens saga og sociologi.* (Oslo 1992) Reviewed by Kolbjørn Skaare *NNUM* No. 6 (1993) pp. 111-12.

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No. 132

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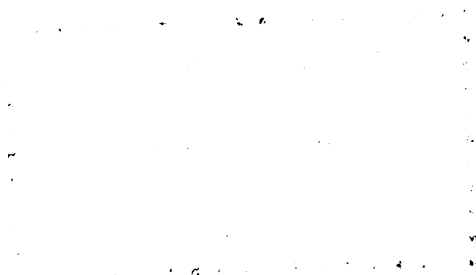
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PREFACE

Numismatic Literature is a semiannual survey of current publications in or related to numismatics with abstracts of their contents. Beginning with *NL* 79 (December 1967), bibliographic information and abstracts have been submitted by an international board of contributing editors, each of whom collects material published in his country. The contents and quality of *NL* reflect the participation of this editorial board and of individual scholars, whose cooperation can create a truly comprehensive bibliographic tool.

The revisions in format introduced in *NL* 81 have been maintained in order to enable each reader to find and use material in his own field more easily, while benefiting from work published in peripheral fields. Most entries are grouped under broad cultural, geographical, or typological sections. In addition, the section Technology and Methodology lists works in which recently developed techniques for numismatic study are described or significantly applied. The Greek section correlates with the broad definition of Head's *Historia Numorum*. At the end of each section is a list of numbered cross references to abstracts with related material in other sections.

Author and subject indices are published at the back of each issue. The author index does not include references to the reviews, which are themselves alphabetically arranged by author. The hoard list is a separate list of abstracts in which reference is made to coin hoards.

Periodical titles are abbreviated whenever possible. A cumulative list of periodical title abbreviations is published in the March issue of even-numbered years. Intervening issues contain a cumulative list of additions. In this way, the list should become a record of the periodical publications in many fields in which numismatic material appears and a convenient compilation of abbreviations for scholars.

Although *NL* is a bibliography of current publications, an effort is being made to include notices of somewhat older publications which are not readily available or are published in languages which readers are not likely to know, and which were not discovered until the institution of the international board of contributing editors.

Comments and suggestions for improvement are welcome and may be addressed to the International Editor at the American Numismatic Society. The Editor thanks all those who have contributed to *NL* and hopes that participation will continue to grow.

CONTRIBUTING EDITORS

The Contributing Editors listed below provide the international cooperation necessary for the publication of *Numismatic Literature*. Each Contributing Editor has assumed the responsibility for collecting and forwarding to the International Editor at The American Numismatic Society titles and abstracts of all works of serious numismatic interest published in his area. In order that *NL* may offer the most complete, accurate, and current coverage possible, *each author is strongly urged to prepare an abstract of his own work at the time of publication, and to send it to the Contributing Editor of the country in which the work was published.* A guide for the preparation of abstracts follows the list of Contributing Editors.

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GUIDE FOR ABSTRACTORS

Entries in *Numismatic Literature* generally consist of two parts, the bibliographic information and the abstract.

Bibliographic Information

All entries must include the following information:

1. The full name(s) of the author(s)
2. The title of the publication in the original language, but in the Roman alphabet. If the publication is not written in English, French, German, Italian or Spanish, the original title should be followed by a translation into one of these languages.

If the publication is an article in a journal, the following information must also be given:

3. Volume and/or issue number
4. Date of the journal
5. Date of publication, if it is different from the date of the journal
6. Page numbers on which the article appears
7. Presence of illustrations.

If the publication is an article in a book of collected works, such as a festschrift or proceedings of a congress, the following information must also be given:

3. Complete title of the collection
4. Place of publication and name of publisher
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7. Presence of illustrations.

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3. Edition number and editor's name, if any
4. Place of publication and name of publisher
5. Date of publication
6. Total number of pages
7. Presence of illustrations
8. ISBN, optional.

If the content of the publication is general in nature and does not include specific information or arguments which should be brought to the reader's attention, and the title is fully descriptive of the contents, the bibliographic information alone may be given and the abstract omitted.

The Abstract

Definition. An abstract is a concise, objective summary or description of the content of a publication. It is different from a review in that an abstract does not offer critical comment or additions to the original work.

Length. Abstracts may be from about 50 to 200 words in length, depending upon the importance or complexity of the publication. A long abstract may be desirable when the original publication is not readily available or is written in a language most readers are not likely to know.

Style and Language. Abstracts should be written in complete sentences. They may be submitted in English, French, German, Italian or Spanish, but will be published in English. All abstracts must include the typewritten, full name of the abstractor.

NOTE TO CONTRIBUTING EDITORS

Abstracts intended for publication in the March issue of *Numismatic Literature* should be received at the editorial office of The American Numismatic Society, Broadway at 155th Street, New York, NY 10032, no later than 15 November of the preceding year; abstracts for the September issue should be received no later than 15 May of the same year.

PERIODICAL ABBREVIATIONS

The following periodical abbreviations have been introduced in Volume 132:

AION ArchStAnt

Annali Archeologia e Storia Antica,
Istituto Orientale di Napoli, Italy.

CSSAI

*Caietul Seminarului special de Stiinte
auxiliare ale istoriei.* Universitatea
Bucuresti. Romania.

GENERAL

1 BALAN, ERNST-HENRI. Glanz, Zerstörung, Wiederaufbau. Die "Numismatische Gesellschaft zu Berlin" in den letzten 100 Jahren. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 25-53.

2 CACCAMO CALTABIANO, MARIA and PAOLA RADICI COLACE. *Dalla premoneta alla moneta*. Pisa, ETS Editrice 1992. 220 pp. illus.

The authors combine the cognitive tools of two different disciplines, philology and numismatics, to develop a new viewpoint on the transition from a pre-monetary to monetary economy which takes into account the linguistic, religious, cultural and technical aspects of society.
(Andrea Carignani)

3 GIL FARRES, O. *Introducción a la Numismática*. Col. A Vives Escudera, no. 2. Barcelona, Asociación Numismática Española 1993. 182 pp.

4 GORINI, GIOVANNI. Il mondo numismatico in P. Orsi e nella moderna ricerca archivistica. *Paolo Orsi e l'archeologia del '900*, Atti del Convegno, Rovereto 12-13 May 1990, Supplemento agli Annali dei Musei Civici di Rovereto, Sezione Archeologia, Storia e Scienze Naturali, Vol. 6 1990 (Trento 1991) pp. 117-24.

5 LAUERWALD, PAUL. F. Chr. Lesser as Numismatist. S. Rein, *Friedrich Christian Lesser (1692-1754), Pastor, Physicotheologe und Polyhistor*, Schriftenreihe der Friedrich-Christian Lesser Stiftung Bd. 1. Erfurt 1993 pp. 83-90.

6 MATEU Y LLOPIS, F. Qué fueron las crónicas de "Hallazgos Monetarios." *Empúries* 48-50 II (1987) pp. 104-108.

7 OLLENBURG, GÜNTER. Konstanz und Wandel in der Berliner Numismatik. Zur Entstehung der Numismatischen Gesellschaft zu Berlin seit 1893. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 55-68.

8 SARVAS, PAKKA. Den nya basutställningen i Nationalmuseets myntkabinett, Helsingfors [The new permanent exhibition in the Coin Cabinet of the Finnish National Museum]. *NNUM* No. 4 (1994) pp. 62-67 illus. In Swedish.

A new exhibition of Finnish and foreign coins, medals and decorations was opened in the National Museum of Finland in 1993. (T. Talvio)

9 SAVIO, A. Delle traduzioni ed edizioni italiane dei Dialogo di Don Antonio Agustin. *Acta Num* 21-22-23 (1992) pp. 77-88.

10 SPARTI, DONATELLA L. *Le collezioni Dal Pozzo. Storia di una famiglia e del suo museo nella Roma seicentesca*. Modena, Scuola Normale Superiore di Pisa, Franco Cosimo Panini ed. 1992. 304 pp. illus.

This is a collection from the late 17th century. (Andrea Carignani)

11 SUTHERLAND, C.H.V. *Arte nella moneta. Estetica nelle monete dalla Grecia antica ai giorni nostri*. Genoa, Circolo Numismatico "Corrado Astengo" 1992. 264 pp. illus.

This is an Italian translation of the original English publication *Art in Coinage* (London, B.T. Batsford 1955). (Andrea Carignani)

12 TALVIO, TUUKKA. *Tutkijoita, keräilijöitä ja lahjoittajia. Suomalaisia numismaatikkoja 1700-1917* [Scholars, collectors and donors. Finnish numismatists 1700-1917]. Helsinki, Finnish Numismatic Society 1994. 95 pp. illus. English summary.

The book contains biographical and bibliographical information on Finnish numismatists. Swedish, Baltic and Russian numismatists who were in contact with Finnish numismatists are also presented. (Author)

TECHNOLOGY AND METHODOLOGY

13 ANGELETTI, C. and I. BONICONTRO. L'apporto delle moderne tecniche di analisi atomiche allo studio di materiale numismatico. *RIN* 94 (1992) pp. 265-78.

14 CALLATAÏ, F. DE. L'estimation du nombre original de coins: en eugmentant l'échantillon. *Acta Num* 21-22-23 (1992) pp. 31-48.

- 15** CARTER, G.F. and R.S. NORD. Calculation of the Average Die Lifetimes and the Number of Anvils for Coinage in Antiquity. *AJN* 2nd Ser. 3-4 (1991-92) pp. 147-64.

Each obverse and reverse die is uniquely identified in the Roman coins of Crepusius (82 B.C.). The use of die link statistics for 1865 coins of Crepusius has enabled a method to be derived for calculating the number of anvils (i.e., work stations) and the average number of dies in the die storage boxes used in striking this unique issue. A modified computer program, which enables the simulation of the operation of a Roman mint, has provided data that are used to derive an equation for calculating the average lifetime of dies; this equation is applicable to most series of ancient coins. (Authors)

- 16** ESTY, WARREN W. and GILES F. CARTER. The Distribution of the Number of Coins Struck by Dies. *AJN* 2nd Ser. 3-4 (1991-92) pp. 165-86.

The number of coins struck before a die becomes unusable varies widely from die to die. On engineering grounds it is likely that there is a single type of probability distribution for these numbers. Direct evidence from modern mint records and die-count data from issues of ancient coins are analyzed in an attempt to determine the type of distribution and its variability. (Authors)

- 17** PELLICER Y BRU, J. "Solidus Aureis" versus "Solidus platae." *Acta Num* 21-22-23 (1992) pp. 379-84.

- 18** RIU, M. De metrologia: la pensa, la lliure, el marc i l'unça. *Acta Num* 21-22-23 (1992) pp. 385-94.

- 19** STAZIO, ATTILIO. Numismatica e computers. *Riscoprire Pompei*, Catalogo della Mostra, Rome 13 Nov. 1993-12 Feb. 1994. Rome, L'Erma di Bretschneider 1993 pp. 66-77.

- 20** WEIR-KRYSTALLIS, L., M. PILAKOUTA, A. KARYDAS, and E. MANTZOUKA. X-Ray analysis of Ancient coins from Thessaly. *NomKhron* Vol. 10 (1991) pp. 11-18 illus.

GREEK

- 21** ALESSIO, ARCANGELO and PIER GIOVANNI GUZZO. Santuari e fattorie ad est di Taranto. Elementi archeologici per un modello di interpretazione. *Scienze dell'Antichità. Storia, archeologia, antropologia* 3-4 (1989-90) pp. 363-396.

A detailed review of discoveries made in the sanctuaries and farms in the *Chora* of Tarentum. Among these are numerous coins, both from hoards and from individual finds.
(Andrea Carignani)

- 22** ALEXANDROPOULOS, JACQUES. Le monnayage de Lixus: un état de la question. *Lixus*, Actes du colloque, Larache 8-11 Nov. 1989. Rome, Collection de l'École Française de Rome 166, 1992 pp. 249-54.

In addition to the coins securely attributed to the mint are some of uncertain origin with the legend MQM SMS.
(Andrea Carignani)

- 23** ALFARO ASINS, C. Tagilit, nueva ceca púnica en la provincia de Almería. *Acta Num* 21-22-23 (1992) pp. 133-46.

- 24** ALFARO ASINS, C. Una nueva ciudad púnica en Hispania: TGGLYT. Res publica Tegilitana, Tíjola (Almería). *ArchEspArq* 66 (1993) pp. 229-42.

- 25** AMPOLO, CARMINE. Tesori e offerte nei santuari greci. *Scienze dell'Antichità. Storia, archeologia, antropologia* 3-4 (1989-90) pp. 271-79.

From the archaic to the Hellenistic period, offerings to divinities in Greek sanctuaries or temples touched on the economic and political, as well as cultural, spheres. The offerings, or *anathema*, constitute a reflection and a projection on a religious level of the actual experience of Greek society.
(Andrea Carignani)

- 26** ARGYROPOULOU-EVELPIDIS, RENA. Musical instruments in antiquity. *NomKhron* Vol. 8 (1989) pp. 33-34 illus.

- 27** ARSLAN, ERMANNIO A. I Transpadani. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 461-70 illus.

This article, devoted to the historical developments in the region north of the Po and the people who lived there during the second and first centuries B.C. (Insubri, Boi, Cenomani, Cimbri, etc.), makes frequent reference to the coins and hoards found.

(Andrea Carignani)

28 BALBI DE CARO, SILVANA. *Le monete fuse con testa di Gallo. I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 290-91 illus.

The production, attributed to the mint of Ariminum, of a series of coins with the obverse type of a Celtic warrior belongs to the period before the colonial *deductio* (first third of the third century B.C.). The *aes grave* in fact is based on a decimal weight system different from the Roman, closely matching that adopted in other Adriatic centers (Lucera, Atri, Venosa).

(Andrea Carignani)

29 BASLEZ, M.F. and F. BRIQUEL CHATONNET. Un exemple d'intégration phénicienne au monde grec: les Sidoniens au Pirée à la fin du IV^e siècle. *Atti del II Congresso Internazionale di Studi Fenici e Punici*, Rome, 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 229-40.

Analysis of an inscription commissioned by the Phoenician community of Pireus, originally from Sidon. The date of the stele is established at 320/319 B.C. based on a series of arguments, including a mention of the expenses borne for the gold crown in darics and for the actual inscription in drachms.

(Andrea Carignani)

30 BÉREND, DENYSE. *Le monnayage d'or de Syracuse sous Denys I. La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 91-143 illus.

The author presents a new chronology for the Syracusan gold coinage: she demonstrates that it was an intensive and short-lived issue, struck between 405 and 400 B.C. by Dionysios I in preparation for his campaign against Carthage.

(Carmen Arnold-Biucchi)

31 BLANKLEY, JACK. A Further Croak from Aristophanes' *Frogs*. *Trident* No. 8 (March-May 1993), pp. 7-8.

An Athenian tetradrachm showing signs of being plated is probably one of those issued by the mint during the Peloponnesian War.

(John Melville-Jones)

32 BOEHRINGER, CHRISTOPH. Die Münzprägungen von Syrakus unter Dionysios: Geschichte und Stand der numismatischen Forschung. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro

Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 65-89 illus.

The author reviews the history of the study of Syracusan coinage and comments on the current state of research. (Andrea Carignani)

33 BOUBE, JEAN. La circulation monétaire à Sala à l'époque préromaine. *Lixus*, Actes du colloque, Larache 8-11 Nov. 1989. Rome, Collection de l'École Française de Rome 166, 1992 pp. 255-65 illus.

This article examines the coinage present at Sala in the second century B.C. The volume of coinage seems to have been modest and in large part consisted of issues of Gades, the port through which Mediterranean merchandise would have been filtered. Mauretanian, Iberian, Roman Republican, and local Punic issues are rather scarce.

(Andrea Carignani)

34 BOZIC, DRAGAN. I Taurisci. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 471-77 illus.

The author outlines the principal historical developments of this Celtic people, who lived in the Alpine and pre-Alpine region east of Slovenia and southern Croatia until their submission by Rome under Octavian in 35-33 B.C. In the course of the second and first centuries B.C. the Taurisci struck silver tetradrachms and small fractional coins. One of their mints was located at Celje, on the Savinja river.

(Andrea Carignani)

35 BURELLI BERGESE, LAURA. In margine a *Thuc.* 5,47,6 (il triobolo "eginetico"). *AnnaliSNSPisa* 20, 4 (1990) pp. 767-70.

The author examines a particular aspect of the treaty of 420 B.C. between Athens and the Peloponnesian cities of Argos, Mantinea and Elis, based on a passage in Thucydides which explicitly mentions the "Aeginetan obol."

(Andrea Carignani)

36 BURKHARDT, ANDREAS. Produktionsreste keltischer Potinmünzen vom Kegelriss bei Ehrenstetten, Gemeinde Ehrekirchen, Kreis Beisgau-Hochschwarzwald. *Archäologische Ausgrabungen in Baden-Württemberg* 1992, Stuttgart 1993 pp. 116-120 illus. ISBN 3-8062-1070-5.

37 CACCAMO CALTABIANO, MARIA and EMILIA OTERI. Cronologia e sistemi di produzione e di controllo delle monete dei "Siracusani di Gelone." *NumAntClas* 22 (1993) pp. 91-110 illus.

The authors propose a chronology of the coinage of Gelon II of Syracuse, son of Hieron II and Philistis.

(Andrea Carignani)

38 CALLATAÿ, FRANÇOIS DE. Athenian New Style Tetradrachms in Macedonian Hoards. *AJN* 2nd Ser. 3-4 (1991-92) pp. 11-20.

Strangely enough, four Athenian emissions of New Style tetradrachms are overrepresented in Macedonian hoards. These four emissions were struck ca. 125-120 B.C. This peculiarity, which also concerns the Thracian area, needs some historical explanation. Some hypotheses are proposed. (Author)

39 CALLATAÿ, FRANÇOIS DE. Les tétradrachmes hellénistiques de Tripolis. *NumAntClas* 22 (1993) pp. 111-26 illus.

The Hellenistic issues of Tripolis (Lebanon) are essentially composed of tetradrachms and some bronze coins. This is the first complete study of this material. (Andrea Carignani)

40 CALLEGHER, BRUNO. Aspetti della circolazione monetaria nell'opitergino. *Archeologia Veneta* 11 (1988) pp. 103-60 illus.

This catalogue of coin finds from the region of Oderzo (Padua) and the resulting analysis provide evidence of a period characterized by Massaliot imitations (second and first centuries B.C.) followed by abundant finds of imitations of coins from Massalia. (Sara Sorda)

41 CALLEGHER, BRUNO. *Ritrovamenti monetali di età romana nel Veneto, Provincia II: Treviso, vol. 2: Oderzo*. Padua, Editoriale Programma 1992. 335 pp. illus.

The author presents a systematic catalogue of sporadic finds and hoards, including Greek, Punic, Celtic, imitations of Massalia, Roman Republican and imperial, Vandal, and Lombard coins. (Andrea Carignani)

42 CALLEGHER, BRUNO. Segnalazioni di monete preromane nelle regioni nord-orientali d'Italia. *Bollettino del Museo Civico di Padova* 80 (1991) pp. 307-20 illus.

The author provides an updated overview of the distribution of Greek, Celtic, and Massaliot imitation coinage in the second and first centuries B.C. (Andrea Carignani)

43 CANTILENA, RENATA. L'emissione dei pegasi nelle zecche siciliane. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 61-85.

- 44** CAPECCHI, GABRIELLA. Grecità linguistica e grecità figurativa nella più antica monetazione di Cilicia. *Quaderni Storici* 76, 26 (1991) pp. 67-103 illus.

The author emphasizes some Greek linguistic and artistic elements present in the first issues of the cities of Cilicia, examined in the traditional categories of dynastic, civic, and military coinage.
(Andrea Carignani)

- 45** CARTER, CANDACE. The Staters of Leucas: a Numismatic and Historical Study. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 35-42 illus.

This study of the coinage of the Corinthian colony of Leucas builds on research begun by Colin Kraay. The striking of staters began around 490 B.C. and continued until the mint was closed at the beginning of the third century B.C.

(Andrea Carignani)

- 46** CATALLI, FIORENZO. La produzione monetaria tarquiniese. *Studia Tarquinensia*, Archaeologia Perusina 9, Studi dell'Istituto di Archeologia dell'Università di Perugia. Rome, G. Bretschneider Editore 1988 pp. 33-40 illus.

This article presents some notes on the issues of Tarquinia and on the attempt by the city to produce autonomous coinage in the period before the predominance of Roman coinage.

(Andrea Carignani)

- 47** CENTENO, RUI M.S. A Numismatica Antiga: Um Balanço da Investigação em Portugal [Ancient Numismatics: A Balance of Research in Portugal]. *Acta Num* 21-22-23 (1993) pp. 63-75. In Portuguese.

A general survey of the studies on ancient numismatics in Portugal, from Lopes Fernandes in 1857 until the present. The article contains three pages of bibliographic information.

(Alain Costilhes)

- 48** CIAMPOLTRINI, GIULIO. Le monete etrusche del Romito di Pozzuolo. *RIN* 94 (1992) pp. 27-34 illus.

The author assigns to the city of Pisa the silver coins with an obverse of a hippocamp between dolphins and a swan; eight examples of this coin were found in a hoard discovered near Lucca in 1985. The dating of the hoard leads to the placement of this series in the first third of the third century B.C.

(Andrea Carignani)

- 49** CUTRONI TUSA, ALDINA. La circolazione in Sicilia. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro

Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 245-69.

Based on an examination of the composition of hoards, the author presents an overview of the monetary circulation in Sicily in this period. (Andrea Carignani)

50 CUTRONI TUSA, ALDINA. La numismatica nel taccuino di P. Orsi: primi orientamenti di una ricerca. *Paolo Orsi e l'archeologia del '900*, Atti del Convegno, Rovereto 12-13 May 1990, Supplemento agli Annali dei Musei Civici di Rovereto, Sezione Archeologia, Storia e Scienze Naturali, Vol. 6 1990 (Trento 1991) pp. 215-22.

The author underlines the importance of studying the notebooks of the archaeologist Paolo Orsi as a rich source of information about coin finds in ancient Sicily, and as a testimony to the scientific method and personality of the famous scholar. (Andrea Carignani)

51 D'ANDRIA, FRANCESCO. Il tesoretto di Vaste. *Archeologia dei Messapi*, Catalogo della Mostra, Lecce 7 Oct. 1990-7 Jan. 1991. Bari, Edipuglia 1990 pp. 169-89 illus.

The author publishes a hoard of 150 silver staters found in 1989 at Vaste (Lecce), including 142 coins of the mint of Tarentum, seven of Heracleia, and one of Thurium. A burial date after 235 B.C. is proposed. (Andrea Carignani)

52 DE PIRO, CARLA. La frazioni di Nasso, Zancle e Himera: brevi considerazioni. *RIN* 94 (1992) pp. 11-25 illus.

53 DESTROOPER-GEORGIADIS, ANNE. The Hoard of Soli. Hellenistic coins (330-312 B.C.) found in Cyprus. *NomKhron* Vol. 10 (1991) pp. 37-40 illus.

54 DUVAL, ALAIN. La società. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 485-90 illus.

The author contrasts the world of the *oppidum* with rural society. (Andrea Carignani)

55 ELAYI, J. and A.G. The First Coinage of Sidon with a Galley Bearing the So-Called Triangular Sail. *AJN* 2nd Ser. 3-4 (1991-92) pp. 1-9 illus.

This article presents a catalogue of the first Sidonian silver series which includes three groups based on weight and the iconography of the reverse. (Authors)

56 EL HARRIF, FATIMA and JEAN-BAPTISTE GIARD. Préliminaires à l'établissement d'un corpus des monnaies de Lixus. *Lixus*, Actes du colloque, Larache 8-11 Nov. 1989. Rome, Collection de l'École Française de Rome 166, 1992 pp. 267-69 illus.

This article emphasizes the importance of assembling an exhaustive corpus of coins attributed to the mint of Lixus in order to establish the chronology and metrology.
(Andrea Carignani)

57 ERCOLANI, EMANUELA. Economie monetarie dell'Italia antica. *Antiche Genti d'Italia*, Catalogo della Mostra, Rimini 20 March-28 Aug. 1994. Rome, Edizioni De Luca 1994 pp. 91-96.

The author discusses salient characteristics of the coinage of Italy before the Roman conquest, beginning in the 6th century B.C.
(Andrea Carignani)

58 FORABOSCHI, DANIELE. Civiltà della moneta e politica monetaria nell'ellenismo. *RIN* 94 (1992) pp. 53-63.

59 FORASTÉ, DOUGLAS DOMINGO. The Fourth Century Mint of Anaktorion. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 43-59.

The author outlines the development of the mint of Anaktorion in Acarnania during the 4th century B.C.
(Andrea Carignani)

60 GARCIA-BELLIDO, M.P. El Gora, el Sekel y su relación con las monedas de bronce: Gades y otras cecas hispano-púnicas. *Acta Num* 21-22-23 (1992) pp. 167-84.

61 GARCIA-BELLIDO, M.P. Las cecas libio-fenicias. *VII Jornadas de Arqueologia Fenicia-Púnica*, Trabajo a del Museo Arq. d'Ibiza 31 (1993) pp. 97-146.

62 GARCIA-BELLIDO, M.P. Origen y función del denario ibérico. *Sprachen und Schriften des antiken Mittelmeerraums. Festschrift für J. Untermann zum 65 Geburtstag* 1993 pp. 97-123.

63 GARCIA-BELLIDO, M.P. Sobre las dos supuestas ciudades de la Bética llamada ARSA. Testimonios púnicos en la Baeturia Turdula. *Anas* 4-5 (1991-1992, publ. 1993) pp. 81-92.

64 GARRAFFO, SALVATORE. La monetazione dell'età dionigiana: contromarche e riconiazioni. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 191-242 illus.

65 GEISER, ANNE and KATHERINE GRUEL. Essai de typologie des potins "à la grosse tête." *SM* 43 (1993) Vol. 170 pp. 25-35 illus.

The authors propose a more subtle classification of the Celtic bronzes with the "big head" (grosse tête). These cast bronze coins are regularly found in excavations but are often insufficiently described or illustrated because of their worn condition.

(Silvia Hurter)

66 GIALOURIS, N. Athena Hippias, Chalinitis. *NomKhron* Vols. 5-6 (1978) pp. 9-23 illus. In Greek.

67 GIBERTI, M. Valeria, Monete ellenistiche del Museo Archologico di Cagliari. *Quaderni della Soprintendenza Archeologica per le Province di Cagliari e Oristano* 8 (1991) pp. 175-82 illus.

The author publishes eight Hellenistic coins, including two silver staters of Dyrrhachium and Locri Epizephyri, four Mamertine bronze *pentonkia*, one silver *litra* of Syracuse, and a bronze coin of Massalia.

(Andrea Carignani)

68 GIROLA, GIUSEPPE. Dracme di tipo veneto con il leone verso sinistra. *RIN* 93 (1991) pp. 255-57 illus.

The author discusses a Paduan coin with the head of Artemis on the obverse and a reverse of a lion, left, with open jaws and the remains of a legend.

(Andrea Carignani)

69 GIULIANO, ANTONIO. Signum Cereris. *Atti dell'Accademia Nazionale dei Lincei. Rendiconti* S. 9, Vol. 4, F. 1, 390 (1993) pp. 49-65 illus.

The author proposes to identify a votive statue, originally from Morgantina and now in the J. Paul Getty Museum, with the Demeter represented on some Hellenistic coins of Enna.

(Andrea Carignani)

70 GÖBL, ROBERT. Supplementa Orientalia III. *NumAntClas* 22 (1993) pp. 229-42 illus.

This is the third part of a complete study of Sasanid coinage. (Andrea Carignani)

- 71** GONNELLA, ROBERT. Eine bisher unbekannte Kupferdrachme von Artaban II (10-28 n. Chr.). *SM* 43 (1993) Vol. 170 pp. 21-24 illus.

The rare copper drachm of Artaban II which is published here was struck in the eastern provinces of the kingdom when Rome installed her protégé Tiridates on the Parthian throne; the issue must have been intended for local circulation.

(Silvia Hurter)

- 72** GONZALES, G. *Las monedas de la Málaga Fenicia*. Malaga 1994 172 pp.

- 73** GORINI, GIOVANNI. The Ballaeus Hoard from Rizon in the Ashmolean Museum, Oxford. *SM* 41 (1991) Vol. 162 pp. 25-30 illus.

A hoard of 28 bronze coins was purchased by J.M.F. May in Yugoslavia in the 1930s and donated to the Ashmolean. It contained coins of King Ballaeus, imitations thereof, and 10 autonomous coins from Rizon, of which previously only 3 coins were known. The probable date of deposit, 168 B.C., indicates a slightly earlier date for the Rizon issues as given by *Historia Numorum*.

(Silvia Hurter)

- 74** GORINI, GIOVANNI. La circolazione in ambiente adriatico. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 277-312 illus.

- 75** GRECO, EMANUELE. Serdaioi. *AION ArchStAnt* 12 (1990) pp. 39-57.

A group of silver coins bearing the legend SER and a new acquisition of the same series with the legend SERD, clearly coming from an Italian mint, belong to the Serdaioi of Italy, named in a treaty found at Olympia with the Sibariti (and not to be confused with the Sardi).

(Andrea Carignani)

- 76** GROTTANELLI, CRISTIANO. Dèi, santuari, metalli in alcuni centri fenici. *Atti del II Congresso Internazionale de Studi Fenici e Punici*, Rome 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 281-85.

- 77** GUIDO, FRANCESCO. Le monete. *L'Africa Romana* 8,1, Atti dell'VIII Convegno di Studi sull'Africa Romana, Cagliari, 14-16 Dec. 1990. Cagliari, Edizioni Gallizzi 1991 pp. 976-79 illus.

The author publishes 20 coins found in the course of excavations of the nuraghi and the church of San Sebastiano di Milis, near Oristano in Sardinia. In addition to Punic coins of the fourth and third centuries B.C. from Sardinian and Sicilian mints, there are coins from the Roman Republic and the fourth century A.D.

(Andrea Carignani)

78 GURT, J.M. and P. PADROS. Significació de les monedas dins el context arqueològic. L'exemple de Baetulo. *Homenatge a Miquel Tarradell*. Estudis Universitaris Catalans 29, Barcelona 1993 pp. 695-715.

79 GUZZETTA, GIUSEPPE. La raccolta numismatica dell'A.B.M.C. di Altamura. *Altamura*, Rivista storica/Bolletino dell'A.B.M.C. 31-32 (1989-90) pp. 69-134 illus.

The author publishes the numismatic collection of the Archivio-Biblioteca Museo Civico di Altamura, consisting of 104 silver and bronze coins: 8 Greek, 86 Roman, and 10 Byzantine, ranging from the fifth century B.C. through the 10th century A.D.

(Andrea Carignani)

80 HANSEN, PETER. Numismatica Ars Classica AG Auction 6. *Trident* No. 9 (Oct. 1993) p. 11.

Comments on prices realized and catalogue descriptions of seven Greek and Roman coins.

(John Melville-Jones)

81 HANSEN, PETER. Kroton Faces Syracuse. *Trident* No. 9 (Oct. 1993) pp. 8-10, 17.

The facing heads on coins of these and other cities should be interpreted as examples of artistic rivalry rather than copying.

(John Melville-Jones)

82 HERSH, CHARLES A. At Last, Morgantina. Reviewing Buttrey, Erim, Groves, and Holloway, *Morgantina Studies 2: The Coins*. *AJN* 2nd Ser. 3-4 (1991-92) pp. 187-94 illus.

83 HOUGHTON, ARTHUR. Bronze coins of Antiochus IV of Mallus. *SM* 43 (1993) Vol. 169 pp. 5-7 illus.

The author firmly assigns to Antiochus IV two bronze issues of Mallos which had in the past also been given to Antiochus III; they are the earliest Seleucid coins from this mint.

(Silvia Hurter)

84 HURTER, SILVIA. Ein unbekannter keltischer Viertelstater aus Nordfrankreich. *SM* 43 (1993) Vol. 169 pp. 8-10 illus.

The author presents an unknown Celtic quarter stater with a reverse of a human figure carrying a boar standard and being hit in the back by an arrow. (Author)

85 JENKINS, KENNETH. Notes on the Mint of Corinth. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 21-34.

86 JOACHIM, HANS-ECKART. Il deposito votivo di Niederzier. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 p. 532 illus.

A votive deposit found at Niederzier in southern Westphalia included 26 *Regenbogenschüsselchen* and 20 staters of the Ambiani. The deposit is dated between 120 and 80 B.C. (Andrea Carignani)

87 JÜRGING, AXEL. Weitere Nachträge zum Recueil Général. *SM* 41 (1991) Vol. 161 pp. 2-5 illus.

The author makes a correction (Caesarea, not Amisus) and an addition (Prusa on the Olympus) to W.H. Waddington's *Recueil Général des Monnaies Grecques*. (Silvia Hurter)

88 KRENGEL, ELKE. Philopappos aus Selinus/Kililkien. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 69-73.

The author discusses the coinage of Selinus for the royal family of Commagene. (Paul Arnold)

89 KRUTA, VENCESLAS. La religione. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 499-508 illus.

The spiritual world of the Celts is investigated based on artifacts including coins. (Andrea Carignani)

90 LARUFFA, ADRIANA. Tesoretto monetale in contrada Corti Vecchie. *Il Museo di Taranto*. Taranto, Mandese Editore 1988, pp. 451-67 illus.

The author publishes 33 coins from a hoard of 336 silver didrachms found at Tarentum in 1916. These coins come from the principal mints of Magna Graecia and range from the second half of the 5th century to the fourth century B.C. The date of burial is given as shortly after the middle of the fourth century B.C.

(Andrea Carignani)

91 LECHUGA GALINDO, M. La presencia púnica en Cartagena. Testimonios numismáticos. *Acta Num* 21-22-23 (1992) pp. 155-66.

92 LENTINI, MARIA COSTANZA. Appendice. Naxos: il rinvenimento di un ripostiglio monetale della seconda metà del V secolo a. C. *Lo stretto, crocevia di culture*, Atti del XXVI Convegno di Studi sulla Magna Grecia, Taranto-Reggio Calabria 9-14 Oct. 1986. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1987 (1993 ed.) pp. 426-32 illus.

This article describes a hoard of 22 silver tetradrachms found at Naxos in 1985. The coins come from mints active in the fifth century B.C., including Syracuse, Catane, Messana, Rhegium, and Athens. The date of burial is fixed at the end of the fifth century B.C., corresponding to the destruction of Naxos by Dionysius I of Syracuse.
(Andrea Carignani)

93 LIAMPI, KATERINI. Macedonian symbols on the copper coins of King Herod I. *NomKhron* Vol. 8 (1989) pp. 39-40 illus.

94 LIAMPI, KATERINI. The Mint of Phagres. Discovery of a new mint of classical times in Northern Greece. *NomKhron* Vol. 10 (1991) pp. 32-35 illus.

95 LIBERO MANGERI, GIUSEPPE. Velia: problemi di circolazione monetaria. *Rassegna Storica Salernitana* 20 (1993) pp. 9-42.

The author updates the publication of hoards and individual coin finds around Velia in order to study coin circulation in the region between the fifth century B.C. and the medieval period.
(Andrea Carignani)

96 LOPEZ CAMACHO, J. Moneda inédita hallada en la provincia de Málaga. *GacNum* 110 (1993) p. 7.

97 LO PORTO, FELICE GINO. Metaponto (Matera). Rinvenimenti nella città antica e nel suo retroterra ellenizzato. *NScavAnt* S. 8, 42-43 (1988-89, 1992 ed.) pp. 299-441 illus.

On pages 422-432 are published four hoards found in the region of Metapontum and currently in the museums of Metapontum and Matera. The four hoards include, respectively, incuse coins of Metapontum from the early fifth century B.C., staters of Croton and Caulonia (mid-5th century B.C.), coins of Tarentum and Metapontum (280 B.C.), and bronze coins of Metapontum (250-225 B.C.). Pages 432-441 describe other individual coin finds.
(Andrea Carignani)

98 LORBER, CATHARINE C. Notes on West Greek Gold. Greek donative issues. *NomKhron* Vol. 11 (1992) pp. 11-19 illus.

99 MANGANARO, GIACOMO. Due studi di numismatica greca. *AnnaliSNSPisa* 20, 2-3 (1990) pp. 409-27.

In the first part of this article the author publishes a gold stater found in Sicily which bears on the obverse a standing Nike, facing r., with the legend *philipeion*. These coins, possibly struck in a city of eastern Sicily (Catane, Morgantina, Enna), were struck to express anti-Roman sentiment in the context of the servile revolts. The second part of the article discusses the legends on some Greek coins.

(Andrea Carignani)

100 MANGANARO, GIACOMO. *Metοikismos-Metaphora* di *poleis* in Sicilia: il caso dei Geloi di Phintias e la relativa documentazione epigrafica. *AnnaliSNSPisa* III, 20, 3 (1990) pp. 391-408 illus.

Based on rich epigraphic and numismatic sources, the author examines the relationships of the Greek cities of Sicily, using the example of Gela in the period of Phintias (first half of the third century B.C.).

(Andrea Carignani)

101 MARTINI, RODOLFO. *Sylloge Nummorum Graecorum Italia. Civiche Raccolte Numismatiche, XIII Aegyptus 3, Commodus-Galerius Caesar*. Milan 1992, pp. 363-590 illus.

875 coins are published.

(Andrea Carignani)

102 MARTINI, R., N. VISMARA, C. BUI, L. CONFALONIERI, A. LAZZATI and M. MILAZZO. Monetazione arcaica della Lycia: evidenze tecniche e metallografiche in relazione all'indagine numismatica. *Archeo-metallurgia. Ricerche e prospettive*, Atti del Colloquio Internazionale di Archeometallurgia, Bologna-Dozza Imolese, 18-21 Oct. 1988. Bologna, Editrice CLUEB 1992 pp. 551-64.

The authors publish the results of X-ray fluorescence analysis of 48 coins of Lycia from the period between the end of the sixth century and 430 B.C.

(Andrea Carignani)

103 MASTELLONI, MARIA AMALIA. Intervento nel dibattito. *Lo stretto, crocevia di culture*, Atti del XXVI Convegno di Studi sulla Magna Grecia, Taranto-Reggio Calabria 9-14 Oct. 1986. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1987 (1993 ed.) pp. 166-77 illus.

Documents from the last century provide new information for the reconstruction of monetary circulation around Reggio between the fifth and third centuries B.C.

(Andrea Carignani)

104 MELE, ALFONSO. Arché e Basileia: la politica economica di Dionisio I. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 3-38.

105 MIERSE, W. Temple images on the coinage of southern Iberia. *BSFN* 1993 pp. 37-58.

106 MIGNUCCI, MARCO. Elettro arcaico, incroci di conio inediti. *SM* 42 (1992) Vol. 166 pp. 41-44.

Observation of a reverse die link is the proof that two archaic electrum coins of Asia Minor must be from the same mint.

(Silvia Hurter)

107 MILDENBERG, LEO. "Those ridiculous arrows." The meaning and importance of die position. *NomKhron* Vol. 8 (1989) pp. 23-27 illus.

108 MOORE, WAYNE. Berytos-Laodicea Revisited. *SM* 42 (1992) Vol. 168 pp. 117-25 illus.

Discussed are coins of the mint of Berytos struck for the Seleucid kings in the 2nd century B.C., especially the bilingual bronze coins.

(Silvia Hurter)

109 MORA SERRANO, B. A propósito de un divisor de plata con estrella en reverso. *Acta Num* 21-22-23 (1992) pp. 147-54.

110 MORA SERRANO, B. Las cecas de Malaca, Abdera y las acuñaciones púnicas en la Ulterior-Baetica. *VII Jornadas de Arqueologia Fenicia-Púnica*, Trabajo a del Museo Arq. d'Ibiza 31 (1993) pp. 63-96.

111 MORA SERRANO, B. Notas sobre la colección de monedas antiguas del Museo de Málaga (Sección de Arqueologia). *GacNum* 110 (1993) pp. 17-22.

112 MORENO, PAOLO. L'immagine di Alessandro nell'opera di Lisippo e di altri artisti contemporanei. *Alexander the Great. Reality and Myth*, *Analecta Romana Instituti Danici*, suppl. 20. Rome, L'Erma di Bretschneider 1993 pp. 101-44 illus.

The author examines sculpture, coins, and medals.

(Andrea Carignani)

113 MOTYKOVA, KARLA, PETR DRDA, and ALENA RYBOVA. L'oppidum di Zavist. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 542-43 illus.

The oppidum of Zavist was a fortified center from the second century B.C., built on top of an earlier Celtic habitation of the sixth and fifth centuries B.C. Finds of gold and silver coins, and the discovery of workshops, attest to the striking of coinage here.

(Andrea Carignani)

114 NAWOTKA, KRZYSZTOF. Asander of the Bosphorus: His Coinage and Chronology. *AJN* 2nd Ser. 3-4 (1991-92) pp. 21-48 illus.

Gold and bronze coins of king Asander are examined. The results of a die study of his staters are presented in a table and a catalogue of all his coins accompanies the article. Asander ruled the Bosphorus from 46 B.C. to his death in 16/15 B.C., first as an archon and then (ca. 41/40 B.C.) as a king. He coined gold for 29 years beginning in 44/43 B.C. A stater of his wife Dynamis indicates that she was his co-ruler from at least 21 B.C.

(Author)

115 NENCI, GIOVANNI and GEORGE VALLET. *Bibliografia topografica della colonizzazione greca in Italia e nelle isole tirreniche X. Siti Messina-Monte Sannace*. Naples/Pisa/Rome, Scuola normale superiore di Pisa/École Française de Rome/Centre Jean Bérard 1992. 504 pp. illus.

116 NENCI, GIOVANNI and GEORGE VALLET. *Bibliografia topografica della colonizzazione greca in Italia e nelle isole tirreniche XI. Opere di carattere generale 1986-90. Addenda 1978-85*. Naples/Pisa/Rome, Scuola normale superiore di Pisa/École Française de Rome/Centre Jean Bérard 1992. 150 pp.

117 NENCI, GIOVANNI and GEORGE VALLET. *Bibliografia topografica della colonizzazione greca in Italia e nelle isole tirreniche XII. Monte Sant'Angelo-Orsomarso*. Naples/Pisa/Rome, Scuola normale superiore di Pisa/École Française de Rome/Centre Jean Bérard 1992. 504 pp. illus.

118 NEUTSCH, B. L'incontro di Goethe con le antichità della Magna Grecia. A duecento anni dal "viaggio in Italia." *Lo stretto, crocevia di culture*, Atti del XXVI Convegno di Studi sulla Magna Grecia, Taranto-Reggio Calabria 9-14 Oct. 1986. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1987 (1993 ed.) pp. 9-35 illus.

119 OLLER RIERA, J. ¿Pequeños lingotes de bronce utilizados como “monedas mineras?” *GacNum* 112 (1994) pp. 7-11.

120 OVERBECK, BERNHARD. Il tesoro di Irsching. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 p. 533 illus.

This hoard was discovered in 1858 and almost entirely dispersed. It contained more than 1000 *Regenbogenschüsselchen*, largely staters of the Vindelici, dated between the second half of the second century and the first half of the first century B.C.
(Andrea Carignani)

121 PANVINI, R. Scavi e ricerche a Caltabellotta tra il 1983 e il 1985. *Kokalos* 34-35, 2 (1988-89) pp. 559-72 illus.

Excavations at Caltabellotta resulted in the discovery of four bronze coins of the fourth century B.C. and a hoard of coins of Manfred of the mint of Manfredonia (1263-1266).
(Andrea Carignani)

122 PARISE, NICOLA FRANCO. Il sistema della lira tra Siracusa e Locri nel IV secolo a.C. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 271-75.

123 PARISE, NICOLA FRANCO. Moneta e società in Magna Grecia: l'esempio di Crotone. *Crise et transformation des sociétés archaïques de l'Italie antique au Ve siècle av. J.-C.* Rome, Collection de l'École Française de Rome 137, 1990 pp. 299-306.

124 PARISE, NICOLA FRANCO. Preistoria monetale greca. *Miscellanea etrusca e italica in onore di Massimo Pallottino*, Vol. I, *ArchCl* 43 (1991) pp. 153-56.

125 PETTARIN, SILVIA. Rinvenimenti di monete celtiche a Moggio Udinese. *Aquileia Nostra* 62,1 (1991) pp. 102-23.

This article publishes 37 coins (mostly silver tetradrachms of western Noricum from the first century B.C.) found at various times in the region of Moggio Udinese.
(Andrea Carignani)

126 PIANA AGOSTINETTI, PAOLA. Torques d'oro e monete come offerte votive dei Celti cisalpini. *Scienze dell'Antichità. Storia, archeologia, antropologia* 3-4 (1989-90) pp. 437-64 illus.

The autor studies votive deposits in Cisalpine Gaul which contained gold necklaces and Celtic and Roman Republican coins.
(Andrea Carignani)

127 PICARD, OLIVIER. Images des dieux sur les monnaies grecques. *MEFRA* 103, 1 (1991) pp. 223-33 illus.

128 PICARD, OLIVIER. Le monnayage de bronze d'Oisymè. *NomKhron* Vol. 12 (1993) pp. 13-16 illus.

129 PICARD, OLIVIER. Le monnayage de Thasos. *NomKhron* Vol. 9 (1990) pp. 23-27 illus.

130 POPOVIC, PETAR and BORISLAV JOVANOVIĆ. Gli Scordisci. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 337-48 illus.

The Scordisci were a people of Celtic origin who lived in the Balkan regions at the confluence of the Danube and the Sava. Described by ancient historians as barbarians and savages, they struck coins between the third and second centuries B.C. Their first issues imitated the tetradrachms of Philip II and were of high quality. These were followed by issues with a unified type (the "Srem"). The final phase of their coinage is characterized by a growing schematization of types, with a notable stylistic abstraction and a gradual drop in weight with the partial substitution of bronze for silver.
(Andrea Carignani)

131 PRESTIANNI GIALLOMBARDO, ANNA MARIA. Un copricapo dell'equipaggiamento militare macedone: la *kausia*. *NumAntClas* 22 (1993) pp. 61-90 illus.

The author uses literary and iconographic sources, including coins, to reconstruct the history and diffusion of *kausia*, a particular type of Macedonian military headgear.
(Andrea Carignani)

132 PRICE, MARTIN JESSOP. Alexander's Policy on Coinage. *Alexander the Great. Reality and Myth*, Analecta Romana Instituti Danici, suppl. 20. Rome, L'Erma di Bretschneider 1993 pp. 171-76 illus.

133 PUECH, E. Les premières émissions byblites et les rois de Byblos à la fin du Ve siècle avant J.-C. *Atti del II Congresso Internazionale de Studi Fenici e Punici*, Rome, 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 287-98 illus.

Based on the discovery of a new series of coins from the Phoenician city of Byblos, the author identifies a new king *Girmilk* (last quarter of the fifth century

B.C.) and changes the date of the first issues of the city, under king *Yehawmilk*, to 450 B.C.
(*Andrea Carignani*)

134 RICHARD, J. C. Un oppidum de la Gaule Méridionale: Ambrussum et ses monnaies. *Acta Num* 21-22-23 (1992) pp. 213-18.

135 RIPOLLES, P.P. Arseetarkiterter: nueva leyenda monetar d'Arse. *Arse* 27 (1992) pp. 9-18.

136 RIPOLLES, P.P. Les dracmes d'Arse amb amvers Atenea. *Acta Num* 21-22-23 (1992) pp. 117-32.

137 RUIZ FERNANDEZ, A. Las monedas de Seks. *Atti del II Congresso Internazionale di Studi Fenici e Punici*, Rome, 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 299-312 illus.

138 SALMON, JOHN. Trade and Corinthian Coins in the West. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 3-17.

This is a brief historical and economic introduction to the circulation of Corinthian coins in Sicily and Magna Graecia beginning in the fourth century B.C.
(*Andrea Carignani*)

139 SALZMANN, DIETER. Unedierte Bronzen aus Knidos. *SM* 43 (1993) Vol. 172 pp. 85-87 illus.

A bronze coin from Asia Minor called uncertain in *RPC* can be identified as Knidian by comparison with a better preserved specimen.
(*Silvia Hurter*)

140 SAVIO, ADRIANO. Aspetti quantitativi della monetazione alessandrina di Otone. *RIN* 93 (1991) pp. 83-134.

141 SCHULTZ, SABINE. Aphroditekopf oder Dynastensbildnis? *SM* 42 (1992) Vol. 168 pp. 113-16 illus.

The author discusses a group of bronze coins bearing a youthful head and a standing figure with the legend ΓΑΜΕΡΣΟΥ which became known through a recent hoard. The head is identified as Aphrodite.
(*Silvia Hurter*)

142 SEJAS DEL PIÑAL, G. Consideraciones sobre la política monetaria bárquida a partir del análisis de sus monedas de plata. *RStudFenici* 21, 1 (1993) pp. 111-36 illus.

Chemical analysis of the silver content of 74 Hispano-Punic coins of the last third of the third century B.C. reveals substantial stability during the entire period and also a strong independence in the individual local mints. It was important to be able to guarantee the real value of coins used to pay mercenary troops, following the disastrous devaluation of the First Punic War.
(Andrea Carignani)

143 SERAFIN PETRILLO, PATRIZIA. L'elettro annibalico: un problema di lega? *Atti del II Congresso Internazionale de Studi Fenici e Punici*, Rome 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 313-21 illus.

144 SICILIANO, ALDO. Le zecche della Messapia. *I Messapi*, Atti del XXX Convegno di Studi sulla Magna Grecia, Taranto-Lecce 4-9 Oct. 1990. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1991 pp. 224-54.

This is a study of the mints of Baletium, Brundisium, Graxa, Kasarium, Neretum, Orra, Sturnium, and Uxentum.
(Andrea Carignani)

145 SICILIANO, ALDO. Oria. Monte Paplucio. Monete. *Archeologia dei Messapi*, Catalogo della Mostra, Lecce 7 Oct. 1990 - 7 Jan. 1991. Bari, Edipuglia 1990 pp. 283-85 illus.

The excavations at Oria, Monte Paplucio, produced nine silver coins from the mints of Metapontum, Sybaris, Caulonia, and Croton; all are from the fifth century B.C.
(Andrea Carignani)

146 STAZIO, ATTILIO. La moneta nell'area messapica. *I Messapi*, Atti del XXX Convegno di Studi sulla Magna Grecia, Taranto-Lecce 4-9 Oct. 1990. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1991 pp. 221-23.

The author presents a brief introduction to this coinage, beginning in the fifth century B.C.
(Andrea Carignani)

147 STEAD, IAN M. I popoli belgi del Tamigli. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 591-95 illus.

148 STROM, I. Il ruolo del commercio fenicio del Villanoviano in Etruria: un'ipotesi. *Atti del II Congresso Internazionale de Studi Fenici e Punici*,

Rome, 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 323-31 illus.

Phoenician expansion in the west in the 10th century B.C. and the commerce which exploited metal resources provoked a crisis in the production of metal in the internal centers of Etruria, resulting in the development of coastal centers.

(Andrea Carignani)

149 SZABO, MIKLOS. Il mercenariato. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 333-36 illus.

The author outlines the role the mercenary played in contributing to the extension of the Celtic world. The use of coinage among the Celts can be attributed to this phenomenon, following the circulation of Hellenistic coins (especially *philippi*) with which the mercenary troops were paid.

(Andrea Carignani)

150 TALIERCIO MENSITIERI, MARINA. Aspetti e problemi della monetazione di Poseidonia. *Poseidonia Paestum*, Atti del XXVII Convegno di Studi sulla Magna Grecia, Taranto-Paesum, 9-15 Oct. 1987. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1987 (1992 ed.) pp. 133-83 illus.

The author reviews the output of the mint of Poseidonia from the end of the sixth century through the fourth century B.C.

(Andrea Carignani)

151 TALIERCIO MENSITIERI, MARINA. Osservazioni sulla monetazione dei Brettii. P. Poccett, *Per un'identità culturale dei Brettii*. Naples, Istituto Universitario Orientale 1988 pp. 225-42.

152 TALIERCIO MENSITIERI, MARINA and EMANUELA SPAGNOLI. Presenza monetale di Corinto e colonie in Sicilia e Magna Grecia nel IV e II secolo a.C. *La monetazione corinzia in Occidente*, Atti del IX Convegno del Centro Internazionale di Studi Numismatici, Naples 27-28 Oct. 1986. Rome, Istituto Italiano di Numismatica 1993 pp. 87-293 illus.

153 TONDO, LUIGI. Un tesoretto dalle colline lucchesi. *Etruscorum ante quam Ligurum. La Versilia fra VII e III sec. a. C.* Pontedera, Bandecchi e Vivaldi ed. 1990 pp. 265-68 illus.

In 1813 S. Ciampi illustrated some tetradrachms from a hoard, later dispersed, found in the hills near Lucca; these coins were attributed to the mint of Populonia. In this article, the author recognizes them as Macedonian coins of the late fourth century B.C.

(Andrea Carignani)

154 TRAVAGLINI, ADRIANA. Presenze monetali in Messapia. *I Messapi*, Atti del XXX Convegno di Studi sulla Magna Grecia, Taranto-Lecce 4-9 Oct. 1990. Taranto, Istituto per la Storia e l'Archeologia della Magna Grecia 1991 pp. 255-85.

155 TRAVAINI, LUCIA. Roma, Museo Nazionale Romano. Dono di monete di età greca, romana, medievale e moderna da parte del Gruppo Bulgari. *BollNum* 14-15 (1990) pp. 253-74 illus.

The 133 gold, silver, and bronze coins include Italo-Punic, South Italian, Roman Republican and imperial, Byzantine, medieval, and modern specimens.

(Andrea Carignani)

156 VILLARONGA, LEANDRE. Las emisiones monetales con el tipo de cabeza vascona. *Aurea Saecula, Untermann oblata*. Universitat de Barcelona 1993 pp. 297-316.

157 VILLARONGA, LEANDRE. La questió de les seques de Konterbia Karbika I de Segobriga. *Empúries* 48-50, 2 (1987) pp. 364-66.

158 VILLARONGA, LEANDRE. *Corpus nummum Hispaniae ante Avgvsti aetatem*. Jose A. Herrero S.A. 1994. 520 pp

This publication illustrates 2,400 coins of the Iberian peninsula before the reign of Augustus.

(Author)

159 VISMARA, NOVELLA. L'emissione Testa (?) di cighiiale / Quadrato incuso della zecca di Phaselis. *Acta Num* 21-22-23 (1992) pp. 109-16.

160 VISMARA, NOVELLA. *Monetazione arcaica in elettro dell'Asia Minore nelle Civiche Raccolte Numismatiche. Donazione Winseman-Falghera*. Milan, Civiche Raccolte Numismatiche di Milano 1993. 104 pp. illus.

161 VISMARA, NOVELLA. *Sylloge Nummorum Graecorum. Italia. Vol. XII. Syria, Bactria et India. 1. Seleucides (reges)-Chalcidice*. Milan, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche 1992. 188 pp. illus.

162 VISONÁ, PAOLO. Gravisca e Punta della Vipera: le monete. *NumAntClas* 22 (1993) pp. 41-60 illus.

The author publishes coins found in the excavations of the Etruscan sanctuary at Gravisca (55 silver and bronze coins and a fragment of *aes rude*) and at Punta della Vipera (12 bronze coins and a fragment of *aes rude*). (Andrea Carignani)

163 XELLA, PAOLO. *Baal Hammon. Recherches sur l'identité et l'histoire d'un dieu phénico-punique.* Rome, Contributi alla Storia della Religione Fenicio-Punica I, Collezione di Studi Fenici, Consiglio Nazionale delle Ricerche 1991. 251 pp. illus.

Pages 125-27 contain an examination of the numismatic iconography of Baal-Hammon. (Andrea Carignani)

164 ZACCAGNINI, CARLO. Nuragic Sardinia: Metrological Notes. *Atti del II Congresso Internazionale di Studi Fenici e Punici*, Rome, 9-14 Nov. 1987. Rome, Consiglio Nazionale delle Ricerche 1991 pp. 343-47.

The author identifies two weight standards in use in Sardinia between the seventh and fourth centuries B.C., one of 11.75 grams based on the Hittite standard and one of 6.5/6.8 grams. (Andrea Carignani)

165 ZACHAR, LEV. L'oppidum di Bratislava. *I Celti*, Catalogo della Mostra, Palazzo Grassi, Venice. Milan, Bompiani 1991 pp. 548-49 illus.

The fortified town of Bratislava, established at the end of the second century B.C., was abandoned following the conflict between the Boi and the Daci after 44 B.C. In the course of the first half of the first century B.C. it struck both local coins and the so-called "Karlstein" coins. (Andrea Carignani)

166 ZISA, ANTONELLA DANIELA. Osservazioni sulle rappresentazioni monetali dell'Artemide di Perge. *RIN* 94 (1992) pp. 35-52 illus.

167 ZOEPFFEL, RENATE. Le fonti scritte su Dionigi I di Siracusa. *La monetazione dell'età dionigiana*, Atti dell'VIII Convegno del Centro Internazionale di Studi Numismatici, Naples 29 May-1 June 1983. Rome, Istituto Italiano di Numismatica 1993 pp. 39-56.

168 ZUPANCIC, MATEJ. Un tetradramma celtico da S. Giorgio di Nogaro. *Aquileia Nostra* 62.1 (1991) pp. 126-27 illus.

For additional references to Greek numismatics, see the following abstracts: Roman, Nos. 173, 197, 240.

ROMAN

169 ALFARO ASINS, C. *Catálogo de las monedas antiguas de oro del MAN*. Madrid, Museo Arqueologico Nacional 1993. 390 pp.

170 ALTERI, GIANCARLO. I monumenti raffigurati sulle monete imperiali romane: da Adriano a Costantino. *Palladio* 10 (1992) pp. 5-20 illus.

171 ALTERI, GIANCARLO. *Tipologia delle monete della Repubblica di Roma (con particolare riferimento al denario)*. Vatican City, Biblioteca Apostolica Vaticana 1990. 346 pp. illus.

Drawing on an exhibition of Republican coins from the Biblioteca Apostolica Vaticana, the author presents a broad and articulate view of the development of the denarius from the fourth through first centuries B.C., examining the various typological, iconographic, and stylistic aspects. (Andrea Carignani)

172 AMANDRY, M. Bilan des recherches récentes sur le monnayage "romain" de Maurétanie. *Acta Num* 21-22-23 (1992) pp. 239-46.

173 ASOLATI, MICHELE and CRISTINA CRISAFULLI. *Ritrovamenti monetali di età romana nel Veneto. Provincia di Venezia. Chioggia*. VI,3. 184 pp. illus.

The second volume devoted to a systematic review of numismatic finds in Veneto contains material dating from isolated appearances of Greek coins in the late third century B.C. through Byzantine coins of the eleventh century. (Andrea Carignani)

174 AUGÉ, CHRISTIAN. Monete imperiali di Antiochia. *L'Eufate e il tempo. La civiltà del medio Eufate e della Gezira siriana*, Catalogo della Mostra. Milan, Electa 1993 pp. 476-77 illus.

Publication of a mid-third century A.D. hoard of twenty silver-plated bronze tetradrachms minted in Antioch. Of these coins, which are now in the museum of Aleppo, 17 bear the portrait of Philip the Arab and his son, while the remaining three bear that of his successor Trajanus Decius. (Andrea Carignani)

175 BAGLIONE, M. PAOLA. Le monete, in S. Severa (Roma). Scavi nel Santuario etrusco di Pyrgi (1969-1971). *NScavAnt* s.8, 42-43 (1988-89) 2 suppl. (1992 ed.) pp. 126-31 illus.

Nineteen examples of *aes grave* including three Romano-Campanian pieces and sixteen Roman semi-libral coins found during the excavations at Pyrgi.

(Andrea Carignani)

176 BARENGHI, FRANCESCA. Storie leggendarie della storia di Roma su alcuni medaglioni. A proposito del medaglione di Enea e Anchise. *RIN* 94 (1992) pp. 113-20.

The author maintains that the representations of the legend of Aeneas on the reverses of medals were struck to announce in advance—not to commemorate—the 900th anniversary of the foundation of Rome in 147 A.D., and that the iconography of Aeneas and Anchises, traditionally attributed to Antoninus Pius, actually belongs to Hadrian.

(Andrea Carignani)

177 BELLEN, H. La monarchia nella coscienza storica dello stato repubblicano. Un problema di continuità della storia romana. *Athenaeum* 79, 1 (1991) pp. 5-15 illus.

The author examines the Republican view of monarchy based on the iconography of coins.

(Andrea Carignani)

178 BELLONI, GIAN GUIDO. *La moneta romana. Società, politica, cultura*. Rome, Nuova Italia Scientifica 1993. 284 pp.

179 BELLONI, GIAN GUIDO. Monete di “imitazione barbarica” in ambito greco e romano. *Aevum* L65, 1 (1991) pp. 115-123.

In the second part of the article, the author criticizes the excessive value placed on the study of hoards, which he considers too small and isolated a sample in relationship to the complexity of ancient monetary circulation.

(Andrea Carignani)

180 BELTRAN, A. Digresiones sobre las monedas de Bilbilis y las sucesión de ciudades romanas con el mismo nombre que les indígenas en distintos emplazamientos. *Aurea Saecula, Untermann oblata*. Universitat de Barcelona 1993 pp. 67-68.

181 BELTRAN, A. Nota sobre el “Vogelreiter” de las monedas de Sekaisa: plateamiento histórico. *Acta Num* 21-22-23 (1992) pp. 185-98.

182 BERGHAUS, PETER. Drei Aurei von Gootiparti (Andhra Pradesh, Indien). *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 75-82.

The author discusses two aurei of Claudius and Plotina, the wife of Trajan, as well as an Indian imitation of an aureus of Antoninus Pius. (Paul Arnold)

183 BERNARDELLI, ARMANDO. Il ripostiglio di Costozza (Vicenza) e la cronologia del tipo Urbs Roma Felix. *RIN* 94 (1992) pp. 121-42 illus.

Publication of 49 coins of a hoard discovered in 1942. The coins range from 348-408; the latter is the probable date of burial. The article also contains some considerations on the legend Urbs Roma Felix on a coin of Arcadia.

(Andrea Carignani)

184 BERNARDELLI, ARMANDO. Rinvenimenti monetali nell'area di S. Corona a Vicenza. *Bollettino del Museo Civico di Padova* 79 (1990) pp. 381-406 illus.

83 coins discovered in 1970, currently in the Museo Civico di Vicenza, range from the Roman imperial period (14 coins, third through fifth century) to the 19th century. Particular attention is paid to a nucleus of finds from the medieval period through the 16th century.

(Andrea Carignani)

185 BIANCHI, ANNA GABRIELLA. Marco Aurelio e l'esercito: testimonianze numismatiche. *Miscellanea greca e romana* 15, Studi pubblicati dall'Istituto Italiano per la Storia Antica. Rome 1990 pp. 147-63.

The use of the *Concordia* and *Fides* coin types under Marcus Aurelius constituted an effective means of propaganda in a critical time for the cohesion of the Empire.

(Andrea Carignani)

186 BRENOT, CLAUDE. Analyses des monnaies de billon du IV^e siècle: réflexions sur l'interprétation des résultats. *L'inflazione nel IV secolo d.C.*, Atti dell'incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 89-96.

The author maintains that interest in the study and analysis of billon coinage of the fourth century resides more in calculating the enormous increase in the quantity of coinage in circulation than in tracing the imperceptible variations in the amount of silver in its composition.

(Andrea Carignani)

187 CACCAMO CALTABIANO, MARIA. Le prime emissioni dell'oro "marziale" romano: il tesoretto di Agrigento 1987. *Quaderni dell'Istituto di Archeologia della Facoltà di Lettere e Filosofia dell'Università di Messina* 5 (1990) pp. 1-17 illus.

Publication of a hoard of 108 specimens of Mars/Eagle gold coins found in the Hellenistic quarter of Agrigentum in 1987. On the basis of the initial chronology of the issue of Mars gold and the specific political developments of the city, the author

proposes a burial date of 213 B.C., contemporary with the Carthaginian occupation of the city.
(Andrea Carignani)

188 CALABRIA, PATRIZIA. La monetazione di L. Rubrius Dossenus. *RIN* 94 (1992) pp. 65-85 illus.

Coming from a lesser family, the moneyer L. Rubrius Dossenus chose an iconography which modified earlier allegorical selections and produced new combinations. The author rejects the hypothesis that the serpent was tied to the cult of Aesculapius and leans toward an identification with the Genius Populi Romani. The coinage of Dossenus belongs to the period 90-80 B.C.
(Andrea Carignani)

189 CALLU, JEAN-PIERRE. Paix romaine et fragilité monétaire. *NumAntClas* 21 (1992) pp. 297-308.

The author analyzes the change in the sestertius in the Antonine period based on a passage in Fronto in which the "master" (presumably the young Marcus Aurelius) notes a preference for older coins over new lead ones (*plumbei nummi*).
(Andrea Carignani)

190 CALLU, JEAN-PIERRE. Quantifier l'inflation du IV^e s.: modes et causes de l'évolution du volume des frappes. *L'inflazione nel IV secolo d.C.*, Atti del incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 97-113.

This article attempts to quantify the means and chronology of inflation in the fourth century with the goal of confirming knowledge of the responses of the monetary authorities to the crisis.
(Andrea Carignani)

191 CALZOLARI, MAURO. *Padania Romana. Ricerche archeologiche e paleoambientali nella pianura fra il Mincio e il Tauro*. Modena 1989. 411 pp. illus.

Pages 139-140 review numismatic discoveries from the Republican and imperial periods made in Basso Mantovano.
(Andrea Carignani)

192 CALZOLARI, MAURO. Una nuova fonte sul "tesoro di Brescello." *RIN* 94 (1992) pp. 87-90.

Based on a travel diary from 1723 of the Englishman John Breval, the author provides new information and confirmation of the discovery and composition of the famous hoard of aurei from Brescello which dates to the time of Octavian.
(Andrea Carignani)

193 CAMPO, M. and J. RUIZ DE ARBLILO. Conjunio de abandano y circulación monetaria en la Neápolis emporitana. *Empúries* 48-50, 1 (1987) pp. 152-63.

194 CARRIÉ, JEAN-MICHEL. Le riforme economiche fra Aureliano e Costantino. *Storia di Roma* 3. *L'età tardoantica I. Crisi e trasformazioni*. Turin, Giulio Einaudi Editore 1993 pp. 283-322.

195 CARRIÉ, JEAN-MICHEL. Observations sur la fiscalité du IV^e siècle pour servir à l'histoire monétaire. *L'inflazione nel IV secolo d.C.*, Atti del incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 115-54.

196 CATALLI, FIORENZO. Le monete. *BullCom* 94 (1991-92) p. 241.

The author publishes the discovery of 20 small bronzes from the Constantinian period (316-40) found during excavations along the Via Aurelia in Rome.

(Andrea Carignani)

197 CATALLI, FIORENZO. Moneta e territorio: l'agro falisco. *La civiltà dei Falisci*, Atti del XV Convegno di Studi Etruschi e Italici. Florence, Leo S. Oschki editore 1990 pp. 245-50.

The author attempts to define the date and means of arrival of the first Roman coins in the territory of the Falisci in relation to the presence of other coins of Greek issue.

(Andrea Carignani)

198 CATALLI, FIORENZO. Rinvenimenti monetali in Italia. *DialArch* 8, 2 (1990) pp. 67-75 illus.

Through examination of evidence from archaeological contexts (Alba Fucens, Tivoli, Tarquinia, Falerii), the author discusses some aspects of the first phases of Roman coinage.

(Andrea Carignani)

199 CELLINI, GIUSEPPINA ALESSANDRA and PATRIZIA CALABRIA. *L'influsso dei prototipi greci nelle monete romane*. Rome, Tipografia G. Pioda 1991. 128 pp. illus.

This study centers on coins of the Augustan and Julio-Claudian periods. The themes used by the die engravers expressed new ideologies and celebrated the new political equilibrium. Particular attention is paid to the adoption of the type of Concordia, symbol of the changed historical conditions.

(Andrea Carignani)

200 CENTENO, RUI M.S. Numismatica antiga: um balanço da investigação em Portugal. *Acta Num* 21-22-23 (1992) pp. 63-76.

201 CHAVES TRISTAN, F. Consideraciones sobre los tesorillos de monedas de bronce en Hispania. República e inicios del imperio romano II. *Acta Num* 21-22-23 (1992) pp. 267-84.

202 CHAVES, F. Hallazgo de un conjunto monetar a orillas del Guadalete (Cádiz). *Aurea Saecula, Untermann oblata*, Universitat de Barcelona 1993 pp. 117-28.

203 CHIARAVALLE, MAILA. *Il ripostiglio di Castelporziano (Roma). Ripostigli monetali in Italia*. Milan, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche 1992. 28 pp. illus.

Discovered on the estate of Castelporziano, the coins belonged to Victor Emanuel III and were given by his nephew Otto to the Milan coin cabinet in 1977. The hoard, dating from between 260/261 and 272/273 A.D., consists of 15 antoniniani of Gallienus, one of Claudius Gothicus, two of Quintilian, and two of Aurelian, struck at the mints of Rome and Milan.
(Andrea Carignani)

204 CHRISTIANSEN, ERIK. The Roman Coins of Alexandria during the Reign of Claudius. *RIN* 94 (1992) pp. 91-112.

In particular, the author examines the issues of gold, silver and billon in relation to those of the Neronian period.
(Andrea Carignani)

205 CRAWFORD, MICHAEL. Army and Coinage in the Late Republic. *La romanisation du Samnium aux I^{er} et II^e siècles av. J.C.* Naples, Publications du Centre Jean Bérard 1991, pp. 135-37 illus.

Analysis of the distribution of hoards of Roman silver from 146 to the Social War reveals a nearly total void as far as Etruria is concerned. The author explains this by relating the diffusion of Roman money more closely to the presence of the army than to routes of communication. Because of its particular local social structure in the late Republican period, recruiting and conscription were scarcely effective in this region.
(Andrea Carignani)

206 CROSETTO, ALBERTO. Indagini archeologiche nel medioevo astigiano. 1. Il cimitero di San Secondo. *Quaderni della Soprintendenza Archeologica del Piemonte* 11 (1993) pp. 145-68 illus.

On pp. 164-65 the author presents an *as* of Tiberius and nine medieval coins (11th-15th cent.) from an excavation in the cemetery of San Secondo at Asti.

(Andrea Carignani)

207 DE CAROLIS, ERNESTO. Gruppo di sei aurei. *Riscoprire Pompei*, Catalogo della Mostra, Rome 13 Nov. 1993-12 Feb. 1994. Rome, L'Erma di Bretschneider 1993 pp. 270-71 illus.

The author describes six unpublished *aurei* displayed in the exhibit. Two of these are Neronian, the other four Flavian.

(Andrea Carignani)

208 DE VRIES, HENDRIK. Brutus Revisited. *Trident* No. 8 (March-May 1993) p. 9.

The portrait on the coins of Brutus the Liberator is intended to represent his ancestor M. Iunius Brutus.

(John Melville-Jones)

209 DÜRR, MICHEL. Le diadème, marque de l'*auctoritas* ou de l'*imperium*. *SM* 41 (1991) Vol. 162 pp. 31-47 illus.

The author studies the late Roman diadem (pearl or jewel type) and its relation to the reverse type of the coin.

(Silvia Hurter)

210 ERCOLANI COCCHI, EMANUELA. I rinvenimenti monetali e l'inflazione nel IV secolo d.C.: analisi di una campionatura. *L'inflazione nel IV secolo d.C.*, Atti del incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 189-94.

211 FABBRICOTTI, EMANUELA. Un tesoretto da Avezzano. Catalogo. *BollNum* 14-15 (1990) pp. 49-108 illus.

The author publishes the surviving core of a hoard from Avezzano, discovered in 1915, containing 268 coins from 211-42 B.C.

(Andrea Carignani)

212 FIORENTINI, G. Attività della Soprintendenza per i beni culturale e ambientali della Sicilia centro-meridionale (Agrigento, Caltanissetta, Enna) (1984-1988). *Kokalos* 34-35, 2 (1988-89) pp. 491-502 illus.

The author notes (p. 494) a hoard of 52 Republican gold coins found in the bouleuterion of Agrigentum.

(Andrea Carignani)

213 FREY-KUPPER, SUSANNE. Germanicus und Drusus auf einer Münze von Panormos. *SM* 41 (1991) Vol. 164 pp. 90-97 illus.

The author publishes 3 bronze coins with portraits of Germanicus and Drusus which were found in the excavation at Monte Iato (near Palermo). They were

apparently struck at Panormos, the only Sicilian mint that was still active under Tiberius. (Silvia Hurter)

214 GARCIA GARRIDO, M. and L. LALANA. Algunos glandes de plomo con inscripciones latinas y púnicas hallados en Hispania. *Acta Num* 21-22-23 (1992) pp. 101-8.

215 GARZON BLANCO, J.A. La diosa Fortuna en la numismática y en las fuentes. *GacNum* 112 (1994) pp. 25-31.

216 GIACCA MOSCA, IDILIA. Iconografia augustea in un tesoretto rinvenuto ad Aquileia. *Aquileia repubblicana e imperiale*, Antichità Altoadriatiche 35 (1989) pp. 179-85 illus.

This is an iconographic study of 102 Augustan coins belonging to a hoard of 560 coins from the first century B.C. through the Augustan period buried in the first years of the first century A.D. and found at Aquileia in the 1920's. The main events of the Augustan principate can be reviewed through the types presented (capricorn, colonna rostrata, arch of Augustus). (Andrea Carignani)

217 GIOVANNINI, ANNALISA. La necropoli di Ponterosso. Scavi 1990. *Aquileia Nostra* 62, 1 (1991) pp. 26-87 illus.

Roman imperial coins (Domitian, Antoninus Pius, Marcus Aurelius) were found in the recent excavations at the necropolis of Ponterosso. (Andrea Carignani)

218 GOMIS JUSTO, M. El monetario del Museo de Nules: contribución al estudio de la circulación monetaria en la zona. *GacNum* 111 (1993) pp. 55-66.

219 GONNELLA, ROBERT. Eine bisher unbekannte Kupferdrachme von Artaban II (10-38 n. Chr.). *SM* 43 (1993) Vol. 170 pp. 21-24 illus.

The rare copper drachm of Artaban II which is published here was struck in the eastern provinces of the kingdom when Rome installed her protégé Tiridates on the Parthian throne; the issue must have been intended for local circulation.

(Silvia Hurter)

220 GRANT, MICHAEL. Agrippa's Coins. *Il bimillenario di Agrippa*. Genoa, Università di Genova, Facoltà di Lettere, Dipartimento di Archeologia, Filologia Classica e loro Tradizioni 1991 pp. 9-17 illus.

Through the iconography of ten coin types, the author reviews the steps in the career of Agrippa from 38 B.C. when he was *consul designatus* to his death and the posthumous coinage of Caligula in his honor (37 A.D.). (Andrea Carignani)

221 GRICOURT, DANIEL. L'affaire du "graveur non classé" de Postume: une énigme résolue. *SM* 43 (1993) Vol. 172 pp. 88-95 illus.

The author dates the Postumus sestertii which had been assigned by Bastien to the "unknown engraver" to the year 261 and to the mint of Treveri. (Silvia Hurter)

222 GUZZETTA, GIUSEPPE. Tesoretto da S. Lucia. *Il Museo di Taranto. Cento anni di archeologia*. Taranto, Mandese Editore 1988 pp. 267-71 illus.

The article contains notes on a hoard of 102 Roman silver coins found in 1897 in the area of Santa Lucia, Tarentum, now in the Museo Nazionale there. The coins fall between the end of the third century and the second half of the second century B.C.

(Andrea Carignani)

223 HANNESTAD, NIELS. Imitatio Alexandri in Roman Art. *Alexander the Great. Reality and Myth*, *Analecta Romana* Institute Danici, suppl. 20. Rome, L'Erma di Bretschneider 1993 pp. 61-69 illus.

The author deals with the impact of the figure of Alexander the Great on Roman art, in particular during the Republican and late imperial periods. Among the various works considered are the gold statue of T. Quinctius Flamininus of 97 B.C., a gold medallion of Constantine, and a bronze of Gallienus.

(Andrea Carignani)

224 HANSEN, PETER. Roman Provincial Silver at Sternberg Auction. *Trident* No. 8 (March-May 1993), pp. 10-11.

The article discusses the condition, rarity and prices realized for nine lots in the sale.

(John Melville-Jones)

225 HANSEN, PETER. Trajan's Bridge: Metaphor and Metonymy in Roman Numismatic Art. *Trident* No. 9 (Oct. 1993) pp. 18-19.

The bridge represented on sestertii and dupondii of Trajan must be the Danube bridge, even if its form does not match other evidence for this bridge.

(John Melville-Jones)

226 HARTMANN, MARTIN. Bemerkungen zu den Münzfunden aus Pfyn TG. *SM* 42 (1992) Vol. 168 pp. 126-27 with table.

A preliminary publication of the Roman coins found at Pfyn (in northeast Switzerland) which date from 268-408 A.D.

(Silvia Hurter)

227 HILDEBRANDT, H.J. Münzen als Hacksilver in Schatzfunden des iberischer Halbinsel um 200 c. Chr. *MadrMitt* 34 (1993) pp. 161-89.

228 HILDEBRANDT, J. Vergleichende Metrologie spanischer und römischer Münzen den römisches Republik aufgrund einer neuen Theorie. *Acta Num* 21-22-23 (1992) pp. 199-212.

229 HUVELIN, HÉLÈNE. Une émission exceptionnelle en l'honneur de Claude II à Siscia. *Acta Num* 21-22-23 (1992) pp. 247-58.

230 HUVELIN, HÉLÈNE. Chronologie du règne de Claude le Gothique. *NumAntClas* 21 (1992) pp. 309-22 illus.

231 ILIESCU, OCTAVIAN. Une vieille collection des monnaies grecques et romaines: la collection de Luigi Paulon de Craiova (Roumanie). *NumAntClas* 22 (1993) pp. 309-24 illus.

The author publishes 5 coins from the collection of Luigi Paulon, a collector and Italian numismatist who lived in Romania and died at Craiova in 1916. The coins, struck at the mints of Histria, Callatis and Marcianopolis, belong to the first half of the third century A.D.
(Andrea Carignani)

232 KENT, J. The Milan coinage of Honorius. *Acta Num* 21-22-23 (1992) pp. 285-302.

233 KING, CATHY E. The Fourth Century Coinage. *L'inflazione nel IV secolo d.C.*, Atti del incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 1-87.

The author discusses variations in the relationship between the value of the gold, silver, and bronze coins in the Roman issues of the fourth century. (Andrea Carignani)

234 KING, CATHY E. and J. PETER NORTHOVER. Fractional Coins at Rome, Ostia and Trier A.D. 310-313. *NumAntClas* 20 (1991) pp. 227-38 illus.

Particular attention is paid to the composition of the coins, examined in the light of historical events that saw the first two mints pass from the control of Maxentius to that of Constantine.
(Andrea Carignani)

235 KOENIG, FRANZ E. Die Barschaft des *Romain de Saint-Antoine*. *SM* 41 (1991) Vol. 163 pp. 61-75 illus.

Published in great detail are the 7 silver and bronze coins from the purse of a Roman soldier whose body was found in Geneva in 1989. They range from Trajan, 103 A.D., to Commodus Caesar, 176 A.D.
(Silvia Hurter)

236 LACAM, GUY. A propos des dernières émissions au nom de Flaccilla. *NomKhron* Vol. 12 (1993) pp. 21-22 illus.

237 LACAM, GUY. A propos des dernières émissions au nom de Flaccilla. *NumAntClas* 22 (1993) pp. 243-48 illus.

The author studies the final issues (GLORIA RO/MANORVM and VIRTVS E/XERCITVS) struck in 386 A.D. in the name of Flaccilla, wife of the emperor Theodosius and mother of Arcadius and Honorius. (Andrea Carignani)

238 LACAM, GUY. La main de Dieu. Son origine hébraïque, son symbolisme monétaire durant le Bas-Empire romain. *RIN* 94 (1992) pp. 143-61 illus.

The author emphasizes the Hebraic origin of the iconography of the hand of God crowning the emperor on coins of Constantine I, Theodosius II, Honorius, Valentinian III, and numerous fifth-century empresses. (Andrea Carignani)

239 LADICH, MARIO. *La moneta romana di bronzo tardoantica* (379-498). Rome, Edizioni STEA 1990. 312 pp. illus.

This is a systematic catalogue of coins from Gratianus to Anastasius.

(Andrea Carignani)

240 LAPORTE, JEAN-PIERRE. *Rapidum. Le camp de la cohorte des Sardes en Maurétanie Césarienne*. Sassari, Dipartimento di Storia dell'Università di Sassari 1989. 305 pp. illus.

Chapter 8 is devoted to a catalogue of 107 coins, Numidian through the reign of Constantine I, found in the camp of Rapidum in Mauretania Caesariensis. Also recorded is the discovery in 1914 of a hoard containing 50 coins of Gallienus through Claudius Gothicus (third quarter of the third century). (Andrea Carignani)

241 LEGA, CLAUDIA. Il Colosso di Nerone. *BullCom* 93 (1989-90) pp. 339-78 illus.

A complete study of this monument is based on sources including coins of Nero, Hadrian, Alexander Severus, and Gordian III. (Andrea Carignani)

242 LITI, SOFOKLI. Emissioni monetarie della città antica di Buthrotum. *NotChiostroMonMagg* 45-46 (1990) pp. 1-5 illus.

The author reconstructs the monetary developments of the mint of Buthrotum from the first issues (180-171 B.C.) as an autonomous city to the reduced-weight coins struck for local circulation in the first century A.D. (Andrea Carignani)

243 LLORENS FROCADA, M. DEL M. L'emissió de Condyc-Malleol, i els problemes de la seva atribució. *Acta Num* 21-22-23 (1992) pp. 219-38.

244 LO CASCIO, ELIO. Dinamiche economiche e politiche fiscali fra i Severi e Aureliano. *Storia di Roma* 3. *L'età tardoantica I. Crisi e trasformazioni*. Turin, Giulio Einaudi Editore 1993 pp. 247-82.

245 LO CASCIO, ELIO. Prezzo dell'oro e prezzo delle merci. *L'inflazione nel IV secolo d.C.*, Atti del incontro di studio, Rome 1988. Rome, Studi e Materiali 3, Istituto Italiano di Numismatica 1993 pp. 155-88.

246 MACALUSO, ROSALIA. "I radiati barbari" e la circolazione monetaria in Tripolitania nel IV secolo d.C. *Quaderni di Archeologia della Libya* 15 (1992) pp. 327-32.

This is a discussion of the presence in Tripolitania and North Africa of imitation antoniniani, based initially on the discovery of a hoard discovered at Sabratha (cf. following item).
(Andrea Carignani)

247 MACALUSO, ROSALIA. Rinvenimenti monetari nella Regio III, Insulae 4-5 di Sabratha. *Quaderni di Archeologia della Libya* 14 (1991) pp. 215-31 illus.

Notable among the numismatic discoveries from 30 years of excavations in the area of the Christian basilica of Sabratha is a hoard of 300 coins found in 1939. Except for a few (3) regular antoniniani, the hoard consists almost exclusively of imitation antoniniani, dated to the fourth century A.D.
(Andrea Carignani)

248 MARRAS, LUISA ANNA. Monete romane e Cuccureddus di Villasimius. *Quaderni della Soprintendenza Archeologica per le Provincie di Cagliari e Oristano* 4, 2 (1987) pp. 23-39 illus.

Approximately 300 coins were found, dating from the first century B.C. to the fourth century A.D. The author publishes 21 of them here, chosen on the basis of their condition.
(Andrea Carignani)

249 MARTINI, RODOLFO. *Monetazione provinciale romana II Bibliografia generale (fino al 1991). Indici bibliografici*. 2 vol. Glauk, Collana di Studi e di Ricerche di Numismatica 9, Milan 1992. 628 pp.

This work is a general census of Roman provincial coinage published in collections, catalogues, articles, and essays from the second half of the 19th century to 1991. There are two volumes: the first was an alphabetical list of the bibliographic sources, the second provides analytical indices by emperor, city, typology, etc.
(Andrea Carignani)

250 MARTINI, RODOLFO. Note sulla monetazione provinciale romana I. *Acta Num* 21-22-23 (1992) pp. 259-66.

251 MASTROCINQUE, ATTILIO. Le monete. M. Maioli et al., *La stipe di Villa di Villa e i culti degli antiche Veneti, Corpus delle stipi votive in Italia VI Regio X, 1*, *Archaeologica* 102. Rome, G. Bretschneider Editore 1992 pp. 160-66 illus.

The author publishes numismatic discoveries from the sanctuary of Villa di Villa, most dating from between the Flavian era and that of Diocletian. (*Andrea Carignani*)

252 MEDRANO, M. *Análisis estadístico de la circulación monetaria bajoimperial romana*. Saragossa 1990.

253 MELIS, M.G. Un tesoretto di monete romane imperiali da Barumini (Cagliari). *Quaderni della Soprintendenza Archeologica per le Province di Cagliari e Oristano* 5 (1988) pp. 153-65.

The hoard contained 368 denarii from between 64 and 190 A.D., now housed in the Museo Archeologico Nazionale at Cagliari. None are illustrated.

(*Andrea Carignani*)

254 METCALF, WILLIAM. Aes Grave. *Gens antiquissima Italiae. Antichità dall'Umbria a New York*. Perugia, Electa 1991 pp. 377-88 illus.

In the exhibit were 26 examples of aes grave from the collection of the American Numismatic Society. Dated between the fourth and third centuries B.C., the coins were struck by the mints of Iguvium, Tuder and Ariminum.

(*Andrea Carignani*)

255 METHY, NICOLE. La représentation des Provinces dans le monnayage romain de l'époque impériale (70-235 après J.C.). *NumAntClas* 21 (1992) pp. 267-95 illus.

The author studies the iconography of representations of the provinces on imperial coins from the Flavian period through the late Severan era. In the period between the Flavians and Hadrian the provinces maintain their individuality. From the reign of Antoninus Pius on, they lose their individuality and are generally interchangeable and completely submissive to the figure of the Emperor.

(*Andrea Carignani*)

256 MILIST Y CAPELLA, N. and J. ROVIRA Y PORT. L' "oppidum" ausetà del turó del Montgrós (El Brull, Osona). *Empúries* 48-50, 2 (1987) pp. 122-41.

257 MIRNIK, IVAN. Numismatica. *Arte e cultura in Croazia. Collezioni del Museo Archeologico di Zagabria*, Catalogo della Mostra, Turin 18 March - 9 May 1993. Rome, Nova Tiporom s.r.l. 1993 pp. 203-16 illus.

The article presents coins from six hoards from the Roman period at Mazin (first century B.C.), Samobor (Celtic silver, first century B.C.), Licki Ribnik (Augustan), Zemun (first century A.D. aurei), and Trijebarij (pseudoantianini and folles from the end of the third and early fourth centuries A.D.). A medieval hoard from Zgrum in Podravina contained denarii from Slavonia and Zagabria, and a hoard from Osijek contained silver talers from the 16th century.
(Andrea Carignani)

258 MISSERE, GIANLUIGI and FEDERICA MISSERE FONTANA. La monetazione imperiale del dio Nilo ad Alessandria e'Egitto e a Roman. *Atti e Memorie dell'Accademia Nazionale di Scienze Lettere e Arti di Modena*, Ser. 7, Vol. 7 (1989-1990). Modena, Mucchi 1992 pp. 281-318 illus.

The authors review the iconography of the Nile from the Julio-Claudians through Julian the Apostate. A symbol of the fertility of the soil and the richness of the harvest, the Nile was used most extensively and with the broadest variety of types in the Antonine period, when Egypt reigned as the supplier of grain for Rome. From the third century on, in parallel to the decline in the region's productive capacity, the use of this numismatic type declined.
(Andrea Carignani)

259 MONTAÑES, J. Una variante inédita de Caesaraugusta: "Sex. Aebutius Clemens et L. Lucrecius Rufus." *GacNum* 112 (1994) pp. 23-24.

260 MORA SERRANO, B. Hallazgos monetarios en los territorios malacitanos. *Baetica* 15 (1993) pp. 187-93.

261 MORAWIECKI, I. Die Munizipalaristokratie und die Auflage des Imperatorenkults in Spanien im Lichte der numismatischen Quellen. *Prosopographie* (Poznań) 1993 pp. 119-31.

262 MORELLI, ANNA LINA. Monopolio statale e falsificazione: fonti letterarie e dati numismatici per l'età romana. *Rivista storica dell'antichità* 20 (1990) pp. 109-30.

263 MÜLLER, JÖRG W. Intercalary Months in the Athenian Dark-age Period. *SM* 41 (1991) Vol. 164 pp. 85-9 illus.

The author calculated the intercalary month in the period of the Athenian *New Style* coinage of which 4 issues with letter N (for the 13th months) are known. His dating varies only slightly from the dates established by Lewis, Boehringer and Mørholm.
(Silvia Hurter)

264 PANCUCCI MANTEGNA, EMANUELA, DOMENICO PANCUCCI and STEFANO VASSALLO. Il ripostiglio monetale e l'insediamento rurale in località Pagliuzzza. *Di terra in terra. Nuove scoperte archeologiche nella provincia di Palermo*. Palermo, Museo Archologico Nazionale di Palermo 1991 pp. 139-56 illus.

The author presents 96 of 541 silver coins found in 1989-91. The hoard, buried 104-91 B.C. during the second slave revolt in Sicily, contained denarii dated between the end of the third and the end of the second centuries B.C. (Andrea Carignani)

265 PARISE, NICOLA FRANCO. Dal bue al bronzo. La misura del valore a Roma prima della moneta. *Studi romani* 39, 1-2 (1991) pp. 92-94.

The author uses literary, juridical, and archeological evidence to reconstruct the various phases of the journey out of a premonetary economy. (Andrea Carignani)

266 PERA, ROSSELLA. I riferimenti all'Africa nelle emissioni monetali della zecca di Roma. *L'Africa Romana* 8,1, Atti dell'VIII Convegno di Studi sull'Africa Romana, Cagliari, 14-16 December 1990. Cagliari, Edizioni Gallizzi 1991 pp. 503-21 illus.

The author reviews the iconography of the representation of Africa on Roman coins from an aureus of Pompey through the issues of the Severan era.

(Andrea Carignani)

267 PEREIRA, I. Tesouro do Monte do Cavaleiro, Algarve [The Hoard of Monte do Cavaleiro, Algarve]. *Acta Num* 21-22-23 (1992) pp. 303-14. In Portuguese.

The author describes a hoard of 87 Roman coins (85 antoniniani and one denarius) from Gallienus to Probus, belonging to the Museum of Santiago do Cancém, Alentejo, Portugal.

(Alain Costilhes)

268 PICOZZI, VITTORIO. Considerazioni su una rara moneta d'oro di Costantino I coniata ad Aquileia. *RIN* 93 (1991) pp. 135-42 illus.

The coin discussed bears the reverse type of winged Victory in the act of writing XX on a shield. The author concludes that the mint of Aquileia must have been active in 315, and that this coin was struck for the donative on the occasion of Constantine's decennalia.

(Andrea Carignani)

269 PUCCI, GIUSEPPE. Saturno: il lato oscuro. *Lares* 58, 1 (1992) pp. 5-18 illus.

In studying the iconography, and especially the chthonic nature, of Saturn, the author notes how the adoption of the type of this deity advanced in the course of the Second Punic War and the conflict against Jugurtha. (Andrea Carignani)

270 REECE, R. Coins as minted and coins found. *Acta Num* 21-22-23 (1992) pp. 57-62.

271 RODRIGUEZ MARTINEZ, P. Aproximación a la economía de fin del siglo IV y principios del V en la Rioja: el tesorillo de Galieno. *Gobierno de la Rioja* (1992) p. 126.

272 RONCALLI, FRANCESCO. La monetazione in Umbria. Gens antiquissima Italiae. *Antichità dall'Umbria a New York*. Perugia 1991 pp. 375-76.

The author synthesizes the coinage of Umbria, based on the mints of Iguvium, Tuder, and Ariminum. (Andrea Carignani)

273 ROURE Y BONAVENTURA, A., J. REMOLEDA Y TRILLA, and P. CASTANYER Y MASOLIVER. Troballa d'un conjunt monetari a Vilauba (Camós, Pla de l'Estany). *Empúries* 48-50 (1987) pp. 268-81.

47 bronze coins from Antoninus Pius to Gallienus. (L. Villaronga)

274 RUIZ de ARBULO BAYONA, J. Los inicios de la romanizacion en occidente: los casos de Emporion y Tarraco. *Athenaeum* 79, 2 (1992) pp. 459-90 illus.

275 SCHÖNERT-GEISS, EDITH. Architektur und Kult in Augusta Traiana. *NumAntClas* 22 (1993) pp. 221-27 illus.

Many coins of Augusta Traiana (Bulgaria) show temples of different types. The problem of the reality of the buildings represented is discussed. (Author)

276 SMITH, PETE. Guillaume Budé 1467-1540. *The Asylum* Vol. 11 No. 4 (Fall 1993) pp. 12-15 illus.

Short biographical sketch of the man who wrote what might be the first printed book on numismatics in 1514 concerning Roman coins and their values.

(Thomas Serfass)

277 SPAGNOLI, E. Le monete, in M.G. Fiore et al., Indagini archeologiche sul sito di Roccabaldesca in Sabine: notizia preliminare. *Archeologia Medievale* 19 (1992) pp. 469-71.

The excavations produced two Roman imperial bronze coins (second century A.D.) and four coins from the 15th and 16th centuries (Alfonse I of Aragon, Sixtus IV, and Gregory XIII).
(Andrea Carignani)

278 STAFFIERI, GIOVANNI M. Sulla testimonianza di un Ares policleteo nella monetazione imperiale alessandrina. *NumAntClas* 22 (1993) pp. 187-99 illus.

The author examines the inspiration for coins of Alexandria from the time of Hadrian and Antoninus Pius which contain a representation of Ares based on a statue of the school of Polycleitos.
(Andrea Carignani)

279 TARRADELL-FONT, N. Revisió del tresor de denaris romanorepublicana de Son Siurana (Alcúdia, Mallorca). *Homenatge a Miquel Tarradell*. Estudis Universitaris Catalans, 29, Barcelona 1993 pp. 653-58.

280 TOMASELLO, FRANCESCO. *L'acquedotto romano e la necropoli presso l'istmo, Missione archeologica italiana di Iasos II*. Rome, Bretschneider 1991. 242 pp. illus.

On pp. 62-64 are published ten bronze coins from excavations at the south gate near the Roman aqueduct at Iasos. Two are late Hellenistic (Iasos and Miletus), four are late Roman (Constantius II and Valens or Valentinian I), three are Byzantine coins of the seventh century (Constans II), and one is illegible.
(Andrea Carignani)

281 TRAVAGLINI, ADRIANA. Le monete. F. D'Andria and D. Whitehouse (ed.), *Excavations at Otranto II. The Finds*. Galatina (Lecce), Congedo editore 1992 pp. 241-78 illus.

The author publishes 332 coins from the recent excavations at Otranto. Included are 140 Byzantine, 84 Roman imperial, and 48 medieval coins. There is little numismatic evidence from the Roman Republican and modern eras.
(Andrea Carignani)

282 VISMARA, NOVELLA. *Il ripostiglio di Arluno (Milano) 1951 (parte II)*. Ripostigli monetali in Italia, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche, Milan 1992. 54 pp. illus.

The volume publishes 130 bronze coins from Domitian through Septimius Severus coming from a hoard of 270 coins already partially published in N. Vismara, *Il ripostiglio di Arluno (Milano) 1951 parte I*, Ripostigli monetali in Italia, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche, Milan 1990.
(Andrea Carignani)

283 VISMARA, NOVELLA. *Il ripostiglio di Calvatone (Cremona) 1911*. Ripostigli monetali in Italia, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche, Milan 1992. 28 pp. illus.

The 22 surviving coins from this hoard of 327 Republican denarii suggest a date between 152 and 29-26 B.C. (Andrea Carignani)

284 VISMARA, NOVELLA. *Il ripostiglio di Calvatone (Cremona) 1942*. Ripostigli monetali in Italia, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche, Milan 1992. 24 pp. illus.

16 coins from a hoard found in 1942 belong to the period between the mid-second century B.C. and 15 A.D. (Andrea Carignani)

285 ZEHNACKER, HUBERT. Rome: une société archaïque au contact de la monnaie (V-VI siècle). *Crise et transformation des sociétés archaïques de l'Italie antique au Ve siècle av. J.-C.* Rome, Collection de l'École Française de Rome 137, 1990 pp. 307-26.

For additional references to Roman numismatics, see the following abstracts:

Greek, Nos. 41, 77, 79, 80, 100, 101, 155

Western and Central Europe, No. 472.

BYZANTINE

286 BENDALL, S. Slaves or Soldiers. A new seal of 7th Indiction (693-94 A.D.). *NomKhron* Vol. 8 (1989) pp. 41-42 illus.

287 CASTRIZIO, DANIELE. Circolazione monetaria bizantina nella Sicilia orientale. *Sicilia Archeologica* 76-77, 24 (1991) pp. 67-76.

The author examines Byzantine numismatic material in the Museo di Messina and in the Alessi collection of the Museo di Enna with a goal of confirming eventual differences in monetary circulation between coastal centers and interior regions of eastern Sicily. There are no substantial differences in geographical/territorial terms. The author proposes subdividing the period between the 6th and 11th centuries into five chronological phases. (Andrea Carignani)

288 CIAMPOLTRINI, GIULIO. Un rinvenimento seicentesco di monete bizantine a Lucca. *RIN* 93 (1991) pp. 195-99.

The author reconstructs a hoard of Byzantine gold of the sixth century (Justinian, Justin I) probably buried at some point by a soldier and first discovered during

construction of the 13th-century wall of Lucca, then rediscovered in the mid-17th century.
(*Andrea Carignani*)

289 CURINA, R. Le monete della tomba 274. *ArchMedio* 17 (1990) pp. 142-45 illus.

The author publishes notes on the discovery of eight bronze coins from a tomb discovered in the excavation of the medieval site of Villa Clelia. From the chronological evidence of the coins, their disposition is dated to the end of the 5th or beginning of the 6th century A.D.
(*Andrea Carignani*)

290 FÜEG, FRANZ. Ein Solidus von Theophilos und Konstantin 830-831(?). Fest- oder Normalemission. *SM* 43 (1993) Vol. 169 p. 11 illus.

The author publishes a rare solidus of Theophilos and his son Constantine which was probably struck on the occasion of the latter's coronation.
(*Silvia Hurter*)

291 ISLER, HANS PETER. Monte Iato: la ventiduesima campagna di scavo. *Sicilia Archeologica* 26, 81 (1993) pp. 7-30 illus.

Two Byzantine coins from the mint of Syracuse were discovered in the Swiss excavations at Monte Iato (Palermo). They are a *folles* of Heraclius and Heraclius Constantine (637/8) and a copper coin of Leo V and Constantine (813-820).
(*Andrea Carignani*)

292 LACAM, GUY. Le Christ de Justinien II. *NomKhron* Vols. 5-6 (1978) pp. 62-68 illus.

293 LACAM, GUY. Theodoric II et la mutation sur les solidi Wisigoths. *NomKhron* Vol. 9 (1990) pp. 33-42 illus.

294 LEUTHOLD, ENRICO Jr. A Half Follis of Heraclius with Heraclius Constantine struck at Ravenna in the Regnal Year XXIII-Sixth Indiction. *NomKhron* Vol. 12 (1993) pp. 25-26 illus.

295 LEUTHOLD, ENRICO Jr. Einige Seltene Münzen Justinians. *NomKhron* Vol. 3 (1974) pp. 26-27 illus.

296 LEUTHOLD, ENRICO Jr. Some rare copper coins of the Emperors Maurice and Phocas. *NomKhron* Vol. 8 (1989) pp. 45-47 illus.

297 METCALF, D.M. The value of the Amorgos and Thira Hoards. *NomKhron* Vol. 8 (1989) pp. 49-59 illus.

298 PROTONOTARIOS, P.N. John V and Anna of Savoy in Thessaloniki. *NomKhron* Vol. 8 (1989) pp. 80-84 illus.

299 SOMMER, ANDREAS U. Ein weiterer neuer Tremissistyp des Phokas. *SM* 41 (1991) Vol. 161 pp. 6-7 illus.

A new tremissis of Phocas reading FOCAE instead of FOCAS is published.

(Silvia Hurter)

300 SOMMER, ANDREAS U. Ein neuer Solidus des Constantinus IV. Pogonatus (668-685). *SM* 43 (1993) Vol. 171 pp. 56-60 illus.

An unknown solidus of this emperor is published with comparative material.

(Silvia Hurter)

301 TONDO, LUIGI. Moneta longobarda di Montebamboli. *Archeologia Medievale* 17 (1990) pp. 761-62 illus.

In commenting on a gold tremissis found at Montebamboli in Tuscany in 1896, the author describes how several coins traditionally considered Lombard are actually from Byzantine mints in the Po region.

(Andrea Carignani)

302 TZAMALIS, A.P. The influence of Byzantium on the coins of Denmark of the 11th century. *NomKhron* Vol. 5-6 (1978) pp. 80-81 illus.

For additional references to Byzantine numismatics, see the following abstracts:

Greek, Nos. 41, 79

Roman, Nos. 173, 281

Western and Central Europe, Nos. 329, 419.

NEAR AND MIDDLE EAST -- MEDIEVAL AND MODERN

303 AYDIN, ŞENNUR. *Power and Skill. The Two Faces of a Coin.* Yapi Dredi Bank Coin Collection Exhibitions Catalogue. Istanbul 1994. 56 pp. illus. In English and Turkish.

304 BOSWORTH, C. EDMUND and GERT RISPLING. An 'Ayyâr coin from Sistan. *JRAS* 3rd ser. Vol. 3:2 (July 1993) pp. 215-17 illus.

A description and historical commentary of a reattributed coin in the ANS, New York, struck at Madinat Zaranj, 298/911-2, by Muhammad b. Hurmuz. (Gert Rispling)

305 KURKMAN, GARO. A Divani Dated Coin of 567 of the Manguchakids; and Coins of 936 (Not 1036) of Sulayman the Magnificent. *AJN* 2nd Ser. 3-4 (1991-92) pp. 95-103 illus.

Manguchakid coins were issued only in copper and the three-digit dates incorporated an Arabic word, an Arabic numeral, and a divani numeral. Coins identified as issues of Rum Muhammad 'Izzet by Philippe De Saxe-Cobourg on the basis of a misunderstood date are reattributed to Sulayman the Magnificent. (Author)

306 MUNRO-HAY, STUART. Forgeries of the Aksumite Series. *AJN* 2nd Ser. 3-4 (1991-92) pp. 49-64 illus.

307 NICOLAE, EUGEN and ION DONOIU. Monede de cupru otomane din sec. XIV-XVI descoperite în Dobrogea [Ottoman copper coins from the 14th-16th centuries discovered in Dobroudja]. *BSNR* Vol. 80-85 (1992) pp. 299-302 illus. French summary.

In the collection of Ion Donoiu from Bucharest is a group of seven Ottoman "mangâri" (manghirs) from 1389 to 1595. All these pieces were discovered at Isaccea and Tulcea (Dobroudja). The coins are issues of Bayesid I, Murad II, Selim II and Murad III. (Constantin Preda)

308 RISPLING, GERT. Arabische Münzen und deren Nachprägungen in Silberfunden der Wikingerzeit. *Lesebuch zur Ausstellung Europa und der Orient: 800-1900*. Berlin, Berliner Festspiele 1989, pp. 9-13 (notes p. 132).

309 RISPLING, GERT. The Volga Bulgarian Imitative Coinage of al-Amir Yaltawar ('Barman') and Mikail b. Jafar. *Sigtuna Papers. Proceedings of the Sigtuna Symposium on Viking-age Coinage 1-4 June 1989*. Ed. by K. Jonsson and B. Malmer (Commentationes, Nova Series), Stockholm, 1990 pp. 275-82 illus.

Since Richard Vasmer's research in the 1920s, many orientalist—but not all—have believed in the theory of the Volga-Bulgar origin of the Viking Age Islamic imitations. This paper attempts to explain why that theory has not been generally accepted. Principally, a link was missing between official Volga-Bulgar coins and completely imitative strikings. Such die link evidence was discovered in Stockholm in the early 1980s and is here published for the first time in some detail, along with a scheme of two large die chains containing 1,252 specimens. Almish (with the title of Yaltawâr) and his son Mîkâ'il ibn Ja'far are suggested to be the two most prolific issuers of the imitations found in Scandinavia and eastern Europe. By an error in reading, the former has been known erroneously on the coins as Bârmân. (Author)

- 310** RISPLING, GERT. Ulla S. Linder Welin and Numismatics. *Yarmouk* 2, 1 (1990) pp. 13-16.

A personal portrait of the Swedish orientalist Ulla Welin (1909-83) and her work. (Author)

- 311** RISPLING, GERT. Nytt Mecka för arabiska mynt [A new Mecca for Arabic coins]. *SNT* 1990:7 pp. 148-51 illus. In Swedish.

An account of the creation of a new center for Islamic numismatics in the university of Tübingen, Germany, based on the Stephen Album collection. (Author)

For additional references to numismatics of the Near and Middle East, see the following abstract:

Western and Central Europe, No. 374.

INDIA

- 312** BROWNE, GERALD M. A New Coin Legend for Prakasaditya. *AJN* 2nd Ser. 3-4 (1991-92) pp. 91-93 illus.

A newly discovered gold dinara of the Gupta king Prakasaditya contains a legend of which the opening word is without precise parallel: *aprativitato raja vijitya vasudham divam jayati* "unopposed, the king, having conquered the earth, wins heaven." (Author)

- 313** CLAUSON-KAAS, JØRGEN. To hundrade års Trankebarmonter efter det forhåndenværende søms principoverprægninger og opgraverade stempler. *NNUM* No. 2. (1994) pp. 22-25 illus. In Danish.

Some restruck and reengraved coins from the Danish colony Tranquebar (India) are described. (Ulla Westermarck)

- 314** JRNSEN, UNO BARNER. Klippinge fra Trankebar [Klippings from Tranquebar]. *NNUM* No. 2 (1994) pp. 18-21 illus. In Danish.

The author surveys the minting of the denomination 4 kas at the Danish colony of Tranquebar. (Ulla Westermarck)

- 315** SIMONETTA, ALBERTO M. The Chronology of NW India in the First Century A.D. and its Possible Verification. *NumAntClas* 22 (1993) pp. 169-85 illus.

EUROPE -- MEDIEVAL AND MODERN

WESTERN AND CENTRAL EUROPE

316 ACKERMANN, FELIX. Der Münzkasten des Baslers Sammlers Basilius Amerbach (1533-1591). *SM* 42 (1992) Vol. 166 pp. 47-56 illus.

The author publishes an elaborate coin and curio cabinet which was made to order for this important 16th century collector. (Silvia Hurter)

317 ALTAN, M.G.B. Un esemplare del denaro scodellato argenteo di Latisana (fine XII-inizi XIII secolo) acquistato dalla Banca Popolare di Latisana. *Memorie storiche forogiuliesi* 70 (1990) pp. 202-209 illus.

The author attributes this coin to Aquileia rather than Gorizia.

(Andrea Carignani)

318 ALTERI, GIANCARLO. La numismatica di Sisto V. *Roma di Sisto V. Le arti e la cultura*, Catalogo della Mostra. Rome, Edizioni De Luca 1993 pp. 443-46 illus.

The exhibit contained 19 coins of Pope Sixtus V from the Biblioteca Apostolica Vaticana. The coins of this pope (*testoni, quattrini, piastre, scudi, baiocchi, giuli*) are characterized by high artistic quality which highlights, especially for the smaller denominations, the discrepancy between their nominal value and the intrinsic value of the metal.

(Andrea Carignani)

319 ARCHIBALD, MARION M. Inghilterra. La monetazione. *I Normanni popolo d'Europa 1030-1200*, Catalogo della Mostra. Venice, Marsilio editore 1994 pp. 152-54 illus.

The author reviews the principal historical developments of the coinage of Norman England from the eleventh century through the first half of the thirteenth century.

(Andrea Carignani)

320 ARSLAN, ERMANNIO A. Emissioni monetarie e segni del potere. *Committenti e produzione artistico-letteraria nell'alto medioevo occidentale*, Settimane di studio del Centro Italiano di Studi sull'Alto Medioevo di Spoleto 39. Spoleto 1992 pp. 791-850 illus.

The legacy of the late Roman period and the elements of national renewal constitute the fundamental characteristics of the new system of symbols of power which appeared on late Medieval coins. Through precise iconographic and epigraphic choices which were often diverse and internally inconsistent, new monetary types expressed political, propagandistic, and religious messages. (Andrea Carignani)

321 ARSLAN, ERMANNIO A. La monetazione di Ratchis, re dei longobardi: Dubiti e problemi. *Acta Num* 21-22-23 (1992) pp. 337-46.

322 ARSLAN, ERMANNIO A. Un'inedita emissione monetaria dei rei longobardi: I *tremisses* di *ciericu* (?) e *Cunincpert*. *NotChioistroMonMagg* 45-46 (1990) pp. 111-12 illus.

A third *tremisses* with the legend *ciericu* is added to the two coins of king Cunincpert which are already known. (Andrea Carignani)

323 BALAGUER, A.M. *Del mancús a la dobla. Or i paries d'Hispania*. Col. Boteti Sisó No. 2, Societat Catalana d'Estudia Numismàtics - ANE, Barcelona (1993) 158 pp.

324 BALAGUER, A.M. Falsificación por fusión de los "cuartos" catalanes en el s. XIX, Los hallazgos de Cervera y el Maresme. *GacNum* 110 (1993) pp. 51-54.

325 BALAGUER, A.M. Les primeres amonedacions episcopals i comtals d'Urgell. *Acta Num* 21-22-23 (1992) pp. 395-406.

326 BALAN, ERNST-HENRI. Ein Beitrag zur Baugeschichte des Jagdschlusses Grünwald aus numismatischer Sicht von Alfred von Sallet aus dem Jahre 1886. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 101-105.

Based on a reference from Alfred von Sallet, recent literature had identified a portrait of the Brandenburg elector Joachim II as that of Hans Schenck (called Scheußlich, the "Dreadful"). (Paul Arnold)

327 BALAN, ERNST-HENRI. Portugäloser-Juliuslöser. Über den Ursprung und die Bedeutung des ersten Mehrfachtalers Braunschweigs-Lüneburgs auf breitem Schrötling. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 117-27.

The author discusses the origin and meaning of the first Brunswick-Lüneburg multiple thalers. (Paul Arnold)

328 BARCELO, M. Moneda fiscal i moneda feudal: una proposta de diferenciació. *GacNum* 111 (1993) pp. 67-70.

329 BARELLO, F. Gerace 1990. Rinvenimenti monetali. *ArchMedio* 18 (1991) pp. 626-31 illus.

Publication of eight coins from excavations in the Church of the Annunciation at Gerace (Calabria). These include three anonymous Byzantine folles of the eleventh century, a Norman half-follis of William II of Sicily (12th century) struck at Messina, and four Greek tournois struck at Chiarenza (Killini), Thebes and Lepanto (13th century). There is also a preliminary note on some small Sicilian coins (15-17th centuries) found in the mortuary chapel of Santa Maria del Mastro.

(Andrea Carignani)

330 BAROCCHI, PAOLA and GIOVANNA GAETA BERTELÁ. *Collezionismo mediceo. Cosimo I, Francesco I e il Cardinale Ferdinando*. Modena, Scuola Normale Superiore di Pisa, Franco Cosimo Panini ed. 1992. 404 pp. illus.

This work details the formation of the various collections, including numismatic, of the Medici in the second half of the 16th century.

(Andrea Carignani)

331 BILOTTI, AMEDEO. Un ottavo di scudo inedito di Genova. *RIN* 94 (1992) pp. 364-65 illus.

Publication of a coin from before the reform of 1637 with the legend *Conradus Rex Romanorum*.

(Andrea Carignani)

332 BODON, GIULIO. Postille alla documentazione su Giovanni da Cavino. *RIN* 93 (1991) pp. 201-204.

The figure of the 15th-century medallist and goldsmith Giovanni da Cavino occasionally appears in Paduan notarial documents. The author discusses the relationship between the engraver and the cultural milieu of the nobles of Padova at the time.

(Andrea Carignani)

333 BOFARULL Y COMENGE, A. Nou tresoret de faccions de dinar dels regnes de Taifes (Segle XI). *Acta Num* 21-22-23 (1992) pp. 355-64.

334 BORNESTAF, ULRICA. Skånska borgarkrigsmynt 1241-1377. En kronologisk och korologisk studie [Danish Civil War coins struck at Lund between 1241 and 1377. A chronological and chorological study]. Seminar paper from the Stockholm University 1993 illus. In Swedish.

The investigation is based on hoards and stray finds. The suggested chronology is based on the representation of different types in different hoards. Attributions of types to Lund follow their occurrence in the Scanian finds. (Author)

335 CALLEGHER, BRUNO. Basiliano (Chiesa di S. Marco): le monete. *Aquileia Nostra* 62, 1 (1991) pp. 130-39 illus.

Publication of coins found in excavation under the pavement of the 16th-century church of San Marco at Basiliano (Udine). Described are six coins (5 Venetian, 1 Veronese) dated to 1140-1457 and an Augsburg penny of 1579. (Andrea Carignani)

336 CALLEGHER, BRUNO. Monete e tessere rinvenute negli scavi nel castello di Manzano (UD). *Bollettino del Museo Civico di Padova* 78 (1989) pp. 177-200 illus.

This article describes 28 coins from various mints of Veneto (Aquileia, Venice, Brescia, etc.) dating from the end of the 13th to the 16th century. Notable are two Florentine tokens with a lily from the 14th-15th century. (Andrea Carignani)

337 CALLEGHER, BRUNO. Rinvenimenti monetari dagli scavi archeologici del "Castello Zuccola" a Cividale del Friuli. *Memorie storiche forogiuliesi* 69 (1989) pp. 253-68 illus.

23 coins found in three separate areas of the fortification range from a Mantuan concave obol of 1150-1256 to a coin of Napoleon from 1810. (Andrea Carignani)

338 CARRO OTERO, J. Moneda del rey D. Fernando II de Galicia-León y ceca compostelana, con el tema de "traslación" del cuerpo del apóstol Santiago. *GacNum* 110 (1993) pp. 27-43.

339 CASTRIZIO, DANIELE. Nota sui sacchetti "sigillati" di tarì siciliani. *RIN* 93 (1991) pp. 183-85 illus.

340 CASTRIZIO, DANIELE. Un tesoretto di tarì normanni e svevi da Placanica (Reggio Calabria). *RIN* 93 (1991) pp. 159-81.

A hoard of Norman and Suevian coins of the 12th century found at Placanica in 1962 contains 100 from the period from Roger I to Henry VI. (Andrea Carignani)

341 CHAVES, M.H. Y R. La moneda visigoda. *Acta Num* 21-22-23 (1992) pp. 331-36.

342 CHIARAVALLE, MAILA. *Il ripostiglio di Carugo (Como) 1957.* Milan, Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche 1992. 24 pp. illus.

Discovered by chance in 1957, the hoard contained five gold coins (mints of Bologna, Florence and Naples) dating from between the middle of the 15th century and the middle of the 16th, one silver coin from 1466-1476, and one bronze coin (1676-1700) from the mint of Milan.
(Andrea Carignani)

343 CHIARAVALLE, MAILA. *Il ripostiglio di Pandino (Cremona) 1910.* Comune di Milano, Settore Cultura, Civiche Raccolte Numismatiche. Milan 1992. 32 pp. illus.

Found in two terracotta jars were 26 gold and 232 silver coins of Charles V, Philip II, and the Kingdom of Sicily. The 13 surviving coins come from the mints of Milan, Rome, and Camerino (1534-1567).
(Andrea Carignani)

344 CHIMIENTI, MICHELE, FRANCO RUSSO and GIANLUIGI RUSSO. *Analisi composizionali e cronologia dei quattrini bolognesi al tipo del Santo seduto. RIN 94 (1992) pp. 213-31 illus.*

The authors present results of analyses made of the composition of eleven coins of the 15th and 16th centuries bearing the reverse type of a seated St. Peter with the city in his hand.
(Andrea Carignani)

345 CHIMIENTI, MICHELE, FRANCO RUSSO and GIANLUIGI RUSSO. *Indagini composizionali e cronologia dei denari bolognesi al nome di Enricus. RIN 93 (1991) pp. 143-57 illus.*

Through compositional analysis made with an electron microscope, the authors examine the silver fineness of several issues of Bologna in the name of Henry VI.
(Andrea Carignani)

346 CINTHIO, MARIA and BRITA MALMER. *Falskmyntning för 1000 år sedan? [Counterfeiting 1000 years ago?]. SNT No. 2 (1993) pp. 28-31 illus. In Swedish.*

During excavations of the St. Clemens block at Lund (Scania, Sweden) remains of a goldsmith's workshop were found including a coin-like item of copper which might be a copper core of a plated counterfeit with types known from the Sigtuna mint (early 11th century).
(Authors)

347 COMAS, R. *La moneda de cinc rals de Terrassa de data 1641. Acta Num 21-22-23 (1992) pp. 491-96.*

348 CRUSAFONT Y SABATER, MIQUEL. El "Cavall" de Nàpols de Ferrandino (1495-1496). *NumAntClas* 22 (1993) pp. 295-98 illus.

The author investigates the striking of a "horse" issue at the mint of Naples under Ferdinand II of Aragon (1495-96). (Andrea Carignani)

349 CRUSAFONT Y SABATER, MIQUEL. Novetats a la numària tardana del comtat d'Urgell. *Acta Num* 21-22-23 (1992) pp. 407-14.

350 CRUSAFONT Y SABATER, MIQUEL. and BALAGUER, A.M. ¿Que significa la palabra peseta? *GacNum* 111 (1993) pp. 45-54.

351 DANNENBERG, HANS-DIETER. Brandenburgische Münzbezirke und Denarprägungen aus der Mitte des 14. Jahrhunderts. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 83-91.

352 DEL MANCINO, ANTONIO. Documenti sulla zecca e sulla circolazione delle monete senesi dal XIII al XVI secolo. B. Paolozzi Strozzi, et al, *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 405-86 illus.

This is a review of 634 documents from the state archives of Siena, from the period 1229-1558, regarding the activity of the city mint and the circulation of its coinage. (Andrea Carignani)

353 DE MADDALENA, ALDO. La repubblica internazionale del denaro: un'ipotesi infondata o una tesi insostenibile? *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 7-16.

354 DEPEYROT, G. Les monnaies des lois barbares. *Acta Num* 21-22-23 (1992) pp. 315-28.

355 DETHLEFS, GERD. "Gottes Macht ist meine Kraft." Die Münzen und Medaillen der Wiedertäufer zu Münster. *Dresdner Kunstbl* Vol. 37 No. 5 (1993) pp. 152-55.

Baptism coins and medals from the 16th century are discussed. (Paul Arnold)

356 DIVO, JEAN-PAUL. Die Münzprägung des Tyrannen von Musso. *SM* 42 (1992) Vol. 167 pp. 75-78 illus.

The author publishes a small series of coins which Gian Giacomo de' Medici, a self-established tyrant at Musso on Lake Como, struck in the mid-16th century.

(Silvia Hurter)

357 DIVO, JEAN-PAUL. Drei schweizer Seltenheiten in Münzkabinett der Staatlichen Kunstsammlung in Dresden. *SM* 42 (1992) Vol. 166 pp. 45-46 illus.

Published are 3 very rare Swiss silver coins which the author discovered in the Dresden coin cabinet.

(Silvia Hurter)

358 DOMINGO SELLART, F. Els òbols de Girona dels temps de Ferran II. *Acta Num* 21-22-23 (1992) pp. 415-16.

359 DONATI, PIER ANGELO. A proposito della zecca di Bellinzona. *NumAntClas* 20 (1991) pp. 297-307.

The author comments on developments at the mint of Bellinzona, active in the first quarter of the 16th century.

(Andrea Carignani)

360 DORE, GIAMPIETRO. Appunti su alcuni sigilli di giudici sardi erroneamente attribuiti. *RIN* 93 (1991) pp. 219-24 illus.

The author notes an erroneous transposition of captions in an 18th-century volume which created much confusion between the judicial seal of Cagliari in the 12th century and that of Torres and Gallura in the 13th.

(Andrea Carignani)

361 DORIA, GIORGIO. Conoscenza del mercato e sistema informativo: il know-how dei mercanti-finanzieri genovesi nei secoli XVI e XVII. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 57-121.

The author outlines the principal conditions which determined the great success of the Genoese financial and mercantile oligarchy between the 16th and 18th centuries in the western Mediterranean, in Africa, the Atlantic, and the Caribbean.

(Andrea Carignani)

362 DROANDI, ENZO. Monete su bambini esposti nell'aretino. *RIN* 94 (1992) pp. 259-264.

363 DUMAS, FRANÇOISE and JACQUELINE PILET-LAMIERE. La Normandia. La monetazione. *I Normanni popolo d'Europa 1030-1200*, Catalogo della Mostra. Venice, Marsilio editore 1994 pp. 74-77 illus.

The authors examine the main issues in Normandy, from the first appearance of Norman coins (940 A.D.) to the 12th century, and discuss monetary circulation within Normandy and the diffusion of Norman coinage outside the region.

(Andrea Carignani)

364 EBERHAGEN, A. *Die Münzprägungen der askanischen Markgrafen in Salzwedel bis zum Erwerb des Münzrechts durch die Stadt im Jahre 1314.* Bremen, Arbeitsgemeinschaft des Altmärkischen Geschichtsvereins 1987. 69 pp.

365 EBERHAGEN, A. *Die Zeit der Hohlpfennigprägungen in Salzwedel nach dem Jahre 1314.* Bremen, Arbeitsgemeinschaft des Altmärkischen Geschichtsvereins 1989. 78 pp.

366 EBERHAGEN, A. *Recherchen, Ergänzungen und Neuentdeckungen zu den mittel- und spätmittelalterlichen Münzprägungen in Salzwedel.* Jahresbericht des Altmärkischen Vereins für vaterländische Geschichte zu Salzwedel Vol. 69 (1992). 27 pp.

The issues of the Margraves of Brandenburg from the 12th century to 1314 and the Hohlprennige between 1314 and the beginning of the 16th century are studied in detail based on a review of the hoards.

(Paul Arnold)

367 ELSIG, PATRICK. *Le cabinet cantonale de numismatique de Sion.* SM 42 (1992) Vol. 165 pp. 15-24.

The author traces the history of the coin cabinet at Sion in the Valais from its opening in the mid-18th century to the present day.

(Silvia Hurter)

368 EMMERIG, HUBERT. *Der Regensburger Pfennig. Die Münzprägung in Regensburg vom 12. Jahrhundert bis 1409.* Berliner Numismatische Forschungen, Neue Folge, Bd. 3. Berlin, Gebr. Mann Verlag 1993. 329 pp. illus.

The author treats the history of the medieval mint of Regensburg as well as the metrological and political foundation of the Regensburg penny, and discusses questions regarding the mint. A detailed catalogue of coins and find spots completes this important work.

(Paul Arnold)

369 ENGELMANN, DIETER. *Sjaelden mønt som tårnknappfund i Berlin [A rare coin as church deposit in Berlin].* NNUM No. 9 (1994) p. 164 illus. In Danish.

A very rare 4-groschen, struck by Joachim II in Berlin in 1569, was deposited in the Nikola Church there from 1671 to 1945 and is now in the local Märkisches Museum.
(Ulla Westermarck)

370 ESTRADA AGUILAR, J.M. Los Axarcos y xarquillos. *GacNum* 112 (1994) pp. 17-18.

371 FELIU, G. L'equivalent metàllic d'algunes monedes de compte a l'Edat Mitjana. *Acta Num* 21-22-23 (1992) pp. 455-74.

372 FORNITZ, MICHAEL. En dobbeltpenning fra Svend Estridsen? [A double penny from Sven Estridsen?]. *NNUM* No. 1 (1994) pp. 2-5 illus. In Danish.

A coin, acquired in London and now in an American collection, is described and interpreted as a previously unknown double penny of the Danish king Svend Estridsen (ca. 1045-74).
(Ulla Westermarck)

373 GALLESIO, SILVANA. Il priorato di S. Biagio di Mondovì. Nuovi dati di scavo. *Quaderni della Soprintendenza Archeologica del Piemonte* 19 (1991) pp. 63-77 illus.

On pp. 71-72 the author publishes five coins found in excavations in the area of the priory of San Biagio at Mondovì. One coin is late Roman (Constantius II); the other four are of Charles II and Emanuel Filibert of Savoy (16th century).

(Andrea Carignani)

374 GEDAI, ISTVAN. The denars of Louis the Child in a gravefind in Hungary. *NumAntClas* 22 (1993) pp. 273-77 illus.

The author presents coins found during excavations in 1937 and 1985 in the medieval cemetery of Karos in Hungary; these include Arab dirhems and denars of Berengarius and Louis the Child (10th century).

(Andrea Carignani)

375 GIURIA, DOMENICO. *Le monete savonesi*. Savona, Cassa di Risparmio di Savona 1984. 250 pp. illus.

This is a complete study of the monetary developments of Savona from the opening of the mint in 1348 until the first half of the 16th century.

(Andrea Carignani)

376 GIUSTESCHI CONTI, PER MARIA OTTORINO. I silenzi di Paolo Diacono sulla lotta faziosa longobarda ed una sua traccia su due coniazioni dei tempi di Cuniperto. *NotChioistroMonMagg* 45-46 (1990) pp. 93-110.

In the power struggles of the Lombard era, toward the end of the seventh century, the figure of an unknown person (*ciericu?*) appears on a coin of 693. The author argues that this is probably a rival of king Cunipert who was then killed and suffered a nearly complete *damnatio memoriae*.
(Andrea Carignani)

377 GOLABIEWSKI LANNBY, MONICA. Fredrik Barbarossa i Varla by, Halland [Fredrik Barbarossa in Varla village, Halland]. *SNT* Vol. 3 (1994) pp. 58-59 illus. In Swedish.

The author presents a coin of Fredrick Barbarossa of the ROMA CAPUT MUNDI type found in 1993 during excavations in Halland (west coast of Sweden). Some other recent finds of medieval coins from the same excavation area are also discussed.
(Elsa Lindberger)

378 GOLABIEWSKI LANNBY, MONICA. Sidenbörs med mynt funnen på regalskeppet Kronan [A silk purse with coins found in the royal warship "Kronan"]. *SNT* No. 8 (1993) pp. 208-12 illus. In Swedish.

During excavations in 1987 of the wreck of the Kronan, sunk in the Baltic Sea in 1676 and discovered in 1980, a silk purse was found. The purse contained twelve Swedish, Polish, German and Dutch gold and silver coins from the period 1635-74, all described and illustrated.
(Elsa Lindberger)

379 GOMES, ALBERTO and ANTONIO MIGUEL TRIGUEIROS. *Moedas Portuguesas na Epoca dos Descobrimentos 1385-1580 [Portuguese Coins in the Age of Discovery 1385-1580]*. Lisbon, Trama Artes Graficas 1992. 248 pp. illus. ISBN 972-95774-0-4. In Portuguese and English.

All coins issued by Portugal and its colonies during the Age of Discovery are described and extensively illustrated. A summary of each Portuguese reign precedes the description of its coins; the volume also includes photos and drawings of arms, clothing, and objects from each period.
(Alain Costilhes)

380 GORINI, GIOVANNI, IVAN MIRNIK and ELISABETTA CHINO. I falsi del Meneghetti. *Bollettino del Museo Civico di Padova* 80 (1991) pp. 321-57 illus.

381 GREMES, ALESSANDRO. Le monete medievali rinvenute alla Busa dei Preeri (Comune di Avio-Trentino). *Annali dei Musei Civici di Rovereto* 7 (1991) pp. 91-100 illus.

The nine coins found at Busa dei Preeri in Trentino are mostly Austrian, dated between the 14th and 16th centuries.
(Andrea Carignani)

382 GRIERSON, PHILIP. Ercole d'Este e la statua equestre di Francesco Sforza, di Leonardo da Vinci. *RIN* XCIV (1992) pp. 201-12 illus.

Based on a coin of Ercole d'Este bearing an equestrian statue, the author argues for the existence of a lost masterpiece of Leonardo da Vinci. (Andrea Carignani)

383 GRIERSON, PHILIP. A new Visigothic mint. *Acta Num* 21-22-23 (1992) pp. 329-30.

384 HAHN, GÜNTHER. Die Münzprägung der Stadt Berlin. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 93-100.

385 HILDEBRANDT, REINHARD. I "merchant bankers" della Germania meridionale nell'economia e nella politica del XVI e del XVII secolo. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 211-42.

386 JENSEN, JØRGEN STEEN. Overprägning af mønter i Lund under kong Niles. Nogle overvejelser i anledning av skattefundet fra Sct. Drotten i Lund [Overstriking of coins at Lund under king Niels. Some reflections on the coin hoard from St. Drotten at Lund]. *NNUM* No. 3 (1994) pp. 38-41 illus. In Danish.

An interesting feature in the St. Drotten hoard from Lund, consisting of 731 coins from the Danish king Niels (1104-34), is that it contains a number of overstrikes, which the author identifies and comments on. (Ulla Westermarck)

387 JONNISON, KENNETH. Möres kristnande [The Christianizing of Möre]. *Projektet Sveriges kristnande* Publ. 2 pp. 117-44 illus.

Numismatic evidence shows that Möre in the eastern part of the county of Småland had well developed trade contacts with Christian countries, especially Germany, in the late Viking Age and early Middle Ages. This suggests that the area was Christianized earlier than most other parts of Sweden. (Author)

388 KAIN, HEINZ. Münzfunde der Stadt und des Kreises Sangerhausen. *Beiträge zur Heimatforschung, Sangerhausen* (Spengler-Museum Sangerhausen) No. 10 (1991) pp. 21-29.

389 KELLENBENZ, HERMANN. Lo stato, la società e il denaro. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 333-83.

390 KERN, HEINZ. Die Münprägung der Söhne Johann Friedrich I. während der Gefangenschaft ihres Vaters von 1522-1547. Ein Beitrag zur Münzgeschichte des Ernestinischen Sachsen. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 129-57.

The author discusses the coinage of the sons of the Johann Friedrich the Brave, who was deposed in 1547, and examines documentary evidence. (Paul Arnold)

391 KIRCHGASSNER, BERNHARD. Stato, moneta e società nella Germania sud-occidentale e nella Confederazione elvetica (1350-1500). *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 177-210.

392 KJELLGREN, RICHARD. Myntningen i Friesland under vikingatiden [The Coinage of Friesland in the Viking Age]. Seminar paper from the Stockholm University 1993, maps, diagrams and illus. In Swedish.

The paper deals with Frisian coins struck during the Viking Age and found in Sweden. The aim is to establish a chronology for the types concerned, and to clarify their origin and to pinpoint the location of the mints. The investigation covers a total of ten mints. (Author)

393 KLEIN, ULRICH and RAINER ULMER. Der Fund von Hülben, Kreis Reutlingen. *SM* 41 (1991) Vol. 163 pp. 76-82 illus.

The authors reconstruct a hoard of some 340 silver coins deposited ca. AD 1300 the distinction of which is an unusual composition of denominations. (Silvia Hurter)

394 KLEIN, ULRICH and RAINER ULMER. Der "Opferstock"-Fund von Schwäbisch Gmünd. *SM* 42 (1992) Vol. 165 pp. 1-14 illus.

The authors attempt the reconstruction of a hoard of medieval coins which was allegedly found in the collection box of a village church near Gmünd and later came to the Stuttgart cabinet. (Silvia Hurter)

395 KLUGE, BERND. Münzen, Sammler, Numismatiker. Das numismatische Berlin bis zum Ende des 19. Jahrhunderts. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 11-24.

396 KOENIG, FRANZ E. Ein vergoldeter Berner Kreuzer von 1560. *SM* 42 (1992) Vol. 167 pp. 79-86 illus.

Published here is a small Bernese billon coin which was found in the canton of Bern; it had been gilded and turned into a button. (Silvia Hurter)

397 KROMANN, A. and J.S. JENSEN. Numismatic relations between Denmark and Spain from the 18th to the 20th century. *Acta Num* 21-22-23 (1992) pp. 49-56.

398 KUBÁTOVÁ, LUDMILA, HANS PRESCHER, and WERNER WEISBACH. *Lazarus Ercker (1528/30-1594). Probierer, Berg- und Münzmeister in Sachsen, Braunschweig und Böhmen*. Leipzig/Stuttgart, Deutscher Verlag für Grundstoffindustrie 1994. 136 pp. illus.

399 KUNZMANN, RUEDI. Nachahmungen von Berner Kreuzern aus der Münzstätte Passerano im Namen der Anonimi Radicati. *SM* 43 (1993) Vol. 171 pp. 611-12 illus.

The author publishes imitations of Bernese silver coins which were struck by the Radicati nobles near Asti in the Piedmont in the late 16th century; they were of particularly low weight and bad alloy and had to be called in by the Swiss authorities.

(Silvia Hurter)

400 KUNZMANN, RUEDI. Zu einer Gruppe oberitalienischer Nachahmungen von schweizerischen Dicken. *SM* 41 (1991) Vol. 161 pp. 8-12 illus.

The author publishes a group of northern Italian imitations of Swiss *dicken* (third-talers) of the late 16th century which circulated all over Europe. (Silvia Hurter)

401 KUNZMANN, RUEDI and JÜRIG RICHTER. Zur Geldpolitik des Wallis um 1611. *SM* 42 (1992) Vol. 167 pp. 87-92.

The authors discuss the various foreign coins which circulated in the Valais in the early 17th century and their rate of exchange.

(Silvia Hurter)

402 LAGERQVIST, LARS O. Bergh—inte Bergen [Bergh—not Bergen]. *NNUM* No. 2 (1994) pp. 26-29 illus. In Swedish.

The author corrects an earlier attribution of a much worn coin from a Scanian find. It was thought to be a Norwegian ¼ penny struck at Bergen ca. 1280 and was published as such by the author (*NNÅ* 1991). With the help of a Dutch colleague it can now be identified as a coin from Bergh in the Netherlands from the end of the 14th century.

(Ulla Westermarck)

403 LA GUARDIA, RINA. *Il fondo d'archivio Zanetti-Bellati delle Civiche Raccolte Numismatiche di Milano*. Milan 1992. 220 pp.

Documents regarding the mints and coinage of Italy are currently housed in the Gabinetto Numismatico di Brera at Milan; the collection was begun by the 18th-century Bolognese numismatist Guid'Antonio Zanetti and completed by F. Bellati.

(Andrea Carignani)

404 LAUERWALD, PAUL. Die Verpfändungen der Reichsstadt Nordhausen und ihre Auswirkungen auf die Prägetätigkeit der Münzstätte. *BeitrNordhausen* No. 18 (1993) pp. 25-28.

405 LAUERWALD, PAUL. Zur Frage der Tätigkeit einer Münzstätte in Duderstadt. *Eichsfeld* Vol. 37 No. 6 (1993) pp. 164-76.

The author comes to the conclusion that the city of Duderstadt did not support a mint. The mint officials mentioned in documents for 1319, 1322 and 1335 would have been commissioned with control of the coinage by the Brunswick-Lüneberg nobility.

(Paul Arnold)

406 LEYDA DAMIA, J.M. Falsificació d'un ducat venecià dels Reis Catòlics. *Acta Num* 21-22-23 (1992) pp. 435-36.

407 LIBERO MANGERI, GIUSEPPE. La monetazione di Salerno e Amalfi alla luce del tesoretto di S. Salvatore de Fondaco. *Rassegna Storica Salernitana* 9,1,17 (1992) pp. 267-75.

The author comments on the publication of a hoard of the eleventh century, found at Salerno in 1990 and published by P. Peduto in *Rassegna Storica Salernitana* 8, 2, 16 (1991) pp. 33-71.

(Andrea Carignani)

408 LINDBERG, NILS J. Koerahat 1, 5, 10 ja 20 penniä 1863 [The Finnish patterns from 1863]. *Numismaattinen Aikakauslehti* No. 2 (1994) pp. 44-45 illus. In Finnish.

The very rare patterns for Finnish copper coins, struck in Stockholm in 1863, are discussed.

(T. Talvio)

409 LONDEI, LUIGI. L'organizzazione delle zecche e la monetazione nel dipartimento del Cimino. *La Tuscia in età giacobina e napoleonica (1798-1815)*, Atti del convegno, Ronciglione 23-24 May 1987, Archivi e culture 21-22 (1988-89) pp. 69-79.

410 LOPEZ, ROBERTO S. *I monetieri del primo medioevo*. Milan, Rassegna di Studi del Civico Museo Archeologico e del Civico Gabinetto Numismatico di Milano 48 (1991) 1992. 64 pp. illus.

This is a new edition and translation of "An Aristocracy of Money in the Early Middle Ages" from *Speculum* 28 (1953) pp. 1-43. (Andrea Carignani)

411 LOPEZ DE LOS MOZOS, J.R. Datos acerca de la existencia de un cuño para monedas de plata por las Juntas de Molina y Guadalajara durante la guerra de la Independencia. *Acta Num* 21-22-23 (1992) pp. 497-508.

412 LORY, MARTIN. Neue Halbbatzen aus alten Schillingen. Zur Berner Prägetätigkeit in den Jahren 1753/1755. *SM* 41 (1991) pp. 48-56.

The author describes various cantonal schillings which were called in by the city of Bern in the 1750s and re coined as half batzen with distinctive modifications of the coin type. (Silvia Hurter)

413 MALMER, BRITA. Numismatiken, Olof Skötkonung och Slaget vid Svolder [Numismatics, Olof Skötkonung and the Battle of Svolder]. *Scandia* Vol. 59 No. 1 (1993) pp. 5-14, 137. In Swedish with English summary.

According to an article by Eric Gamby, published in *Scandia* 1990:1, the Viking chieftain Olof mentioned in the *Anglo-Saxon Chronicle* for 991 and 994 is identical with the Swedish Olof Skötkonung and not, as has previously been generally assumed, Olav Trygvason of Norway. Gamby refers to the Scandinavian coinage of the 990s, which according to Gamby, started "somewhere in Denmark," after the battle at Svolder as a common undertaking by Sven Forkbeard and Olof Skötkonung. Unfortunately, Gamby's numismatic arguments are inconsistent with the findings of modern numismatics. The Danish, Norwegian and Swedish coins in question are very different and certainly not minted at the same place. Most Sigtuna-coins from the 990s with inscriptions as "rex Svevorum," "rex Situn," belong to one large die chain. It is impossible to detach some of the die combinations and place them in Denmark.

(Author)

414 MALLWITZ, OTTO. Notgeld des Magistrats und einiger Institutionen der Stadt Neu haldensleben in der Zeit von 1917-1924. *Jahresschrift des Kreismuseums Haldensleben* Vol. 31 (1991) pp. 21-39.

415 MANDICH, GIULIO. Fiere cambiarie concorrenti (genovesi, fiorentine, veneziane) nel 1622-1652. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 123-51.

416 MANNUCCI, FRANCESCO. *De Recuperatione Serafinorum*: una manovra monetaria nella Rodi del '500. *NumAntClas* 21 (1992) pp. 353-61 illus.

In 1511 the authorities of Rhodes attempted to drive out of circulation a gold coin, the *serafino*. These coins were restruck and exchanged for ducats and ultimately used in commercial dealings with foreign merchants, but the attempt to eliminate them was barely successful.
(Andrea Carignani)

417 MARUSCH-KROHN, CAREN. *Meissener Porzellan 1918-1933. Die Preifferzeit*. Leipzig 1993. 176 pp. illus.

The author devotes one chapter to a discussion of local medals and emergency money.
(Paul Arnold)

418 MATZKE, MICHAEL. *Der Denar von Lucca als Kreuzfahrermünze*. *SM* 43 (1993) Vol. 170 pp. 36-44 illus.

Discussed are the silver denarii of Lucca in Tuscany (*Lucenses*) which are the most popular coin in the French crusader states; they occur in hoards in Syria, Lebanon and Israel, and they were imitated locally.
(Silvia Hurter)

419 MERTENS, JOSEPH. *Ordoni tra tarda antichità e alto medioevo. I dati archeologici*. *Vetera christianorum* 30, 1, Edipuglia Bari 1993 pp. 133-83 illus.

On p. 175 the author describes a hoard found near the amphitheater, buried in 1070-1080, containing 144 gold coins struck by the princes of Salerno and one Byzantine aureus of Basilus II.
(Andrea Carignani)

420 METCALF, D.M. *An Early Thirteenth Century Hoard from the Great St. Bernard Pass*. *RIN* 94 (1992) pp. 193-99 illus.

Discovered in 1942, the hoard was composed of 84 denarii of Amadeus of Savoy and was buried around 1219.
(Andrea Carignani)

421 METCALF, D.M., J.M.P. CABRAL, and L.C. ALVES. *Sixth-Century Visigothic Metrology, Some Evidence from Portugal*. *AJN* 2nd Ser. 3-4 (1991-92) pp. 65-90 illus.

422 MISSERE FONTANA, FEDERICA. *Tesoretto di monete tardo-medioevali rinvenuto a Nonantola nell'urna di San Silvestro*. Biblioteca 5, Centro Studi Storici Nonantolani, Nonantola 1991. 20 pp. illus.

The author publishes 26 coins found in an urn in San Silvestro at Nonantola (Modena). Most of the coins are from Bologna (12) and Ferrara (9), but there are also coins of Ancona, Florence, Pisa, Siena, and Hungary dated to the period from the middle of the 14th century to the middle of the 15th.
(Andrea Carignani)

423 MOLL MERCADAL, B. Sobre les encunyacions almorávits de les Balears. *Acta Num* 21-22-23 (1992) pp. 365-78.

424 MONTAÑEZ Y BONCOMPTE, J. Piedfort de diner, inédit de l'any 1610. *Acta Num* 21-22-23 (1992) pp. 483-90.

425 MORENO ARAGONESES, J. Los resellos y monedas de la ceca Trujillana. *GacNum* 112 (1994) pp. 43-60.

426 MUELLER, REINHOLD. Il circolante manipolato: l'impatto di imitazione, contraffazione e tosatura di monete a Venezia nel tardo medioevo. *Italia 1350-1450: fra crisi, trasformazione, sviluppo*, Centro Italiano di Studi di Storia e d'Arte, XIII Convegno di Studi, Pistoia, 10-13 May 1991. Pistoia 1993 pp. 217-32.

427 MUES, SIEGFRIED. Sangerhäuser Groschen in einem Geraer Münzfund. *Beiträge zur Heimatforschung, Sangerhausen (Spengler-Museum Sangerhausen)* No. 10 (1991) pp. 30-31.

The coins found at Gera included 224 groschen from between 1360 and 1409/11.
(Paul Arnold)

428 MUTO, GIOVANNI. "Decretos" e "medios generales": la gestione delle crisi finanziarie nell'Italia spagnola. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 275-332.

429 NEUMEISTER, HORST and JOHANNES SCHNEIDER. Bodenfunde von Münzen des 10. bis zum Anfang des 12. Jahrhunderts im Landesmuseum für Vorgeschichte Halle. *JMV* 75 (1992) pp. 347-61.

430 OTTE, ENRIQUE. Il ruolo dei Genovesi nella Spagna del XV e XVI secolo. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 17-56.

431 PADRO, F. Unitat entre les diverses monedes de coure "En Barcelona." *Acta Num* 21-22-23 (1993) pp. 509-14.

432 PANNUTI, MICHELE. Una moneta di Guglielmo Duca di Puglia. *RIN* 94 (1992) pp. 183-91 illus.

433 PANVINI ROSATI, FRANCO. La monetazione longobarda in Italia meridionale. *Felix Ravenna* 135-136, 1-2 (1989) pp. 63-70.

434 PAOLETTI, GIOVANNI. Monete medioevali rinvenute nell'urna di San Servolo. *La tradizione martiriale tergestina*. Trieste, Edizioni Vita Nuova della Diocese di Trieste 1992 pp. 385-92 illus.

The author publishes 12 coins found at Triest. The coins include two Mantuan obols (1150-1256) and ten small Venetian coins of the doges Lorenzo Tiepolo, Giovanni Dandolo, and Pietro Gradenigo (1268-1311). (Andrea Carignani)

435 PAOLOZZI STROZZI, BEATRICE. La resa di Siena e la zecca di Montalcino. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore (1992) pp. 189-222 illus.

This article reviews the final phases of the coinage of Siena during the siege of the city in 1553-55. During the war between France and Spain, the mint was transferred to Montalcino, where it remained in operation until the final surrender in 1559. (Andrea Carignani)

436 PAOLOZZI STROZZI, BEATRICE. Qualche riflessione sull'economia monetale senese. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore (1992) pp. 73-169 illus.

The author examines the basis for the iconographic choices of the coins of the republic of Siena. (Andrea Carignani)

437 PEDUTO, PAOLO. Considerazioni su di un nuovo catalogo delle emissioni della zecca di Salerno. *Rassegna Storica Salernitana* 9 (1992) pp. 217-25.

The author discusses the activity of the mint in the period between the 9th and 13th centuries, based on a recent study (L. Bellizia, *Le monete della zecca di Salerno*, Moliterno 1992). (Andrea Carignani)

438 PEDUTO, PAOLO. Il gruzzolo di S. Salvatore *de Fondaco* a Salerno: follari, tari, denari del secolo XI. *Rassegna Storica Salernitana* 16, 7, 2 (1991) pp. 33-71 illus.

The hoard, found in June 1990, contained 64 gold, silver, and copper coins (51 follari of Salerno, 6 denari of Pavia, Lucca and Le Puy, and 7 tari of the mint of Amalfi). The author proposes a burial date of the middle of the 11th century. (Andrea Carignani)

439 PELLICER Y BRU, J. Cambio y especulación: los dirhemes de Hisam II en los documentos de la Goniza del Cairo. *Anaquel de Estudios Arabes* 4 (1993) pp. 121-28.

440 PELLICER Y BRU, J. El Morabetín de la fiscalidad andalusí a la feudalidad leonesa (s. XII-XIII) (Años 1142-1230). *GacNum* 112 (1994) pp. 33-42.

441 PELLICER Y BRU, J. Las equivalencias formales 1:12 y 1:10 de los árabes andalusis. *GacNum* 110 (1993) pp. 23-25.

442 PELLICER Y BRU, J. Vriorum. El sou dels genets moros i aragonesos en documents dels segles XIII-XIV (Dues valoracions de dobles sous). *GacNum* 111 (1993) pp. 71-74.

443 PERSSON, CECILIA. Engelska mynt i svenska skatter [Anglo-Saxon coins in Swedish hoards]. Seminar paper from the Stockholm University 1992 illus., maps and diagrams. In Swedish.

The study deals with Viking-age hoards containing Anglo-Saxon pennies. The specific composition of Gotlandic hoards and the proportions of German and Anglo-Saxon coins in the hoards from Gotland and mainland Sweden are discussed in terms of "active" and "passive" components. The traditional opinion that the coin circulation on Gotland was low is challenged. (Ulla Westermarck)

444 PESCE, GIOVANNI. Rilievi sulle affinità statutarie delle zecche di Genova e di Parigi (1354). *NumAntClas* 20 (1991) pp. 281-98 illus.

Two manuscripts of the 18th century were copied from manuscripts originally in Chiavari which mentioned laws governing the mints of Genoa (1354) and Paris (1352). (Andrea Carignani)

445 PICKL, OTHMAR. Gli Asburgo austriaci e la concorrenza delle grandi banche dal XIV secolo alla fine del XVII. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 153-75.

446 PIRAS, E. La moneta de 3 cagliaresi e la sua falsificazione al tempi de Filippo III d' Spagna. *Acta Num* 21-22-23 (1992) pp. 475-82.

447 RICCI, ROBERTO. Le coniazioni altomedievali dei Vescovi di Luni. *Giornale Storico della Lunigiana e del Territorio Lucense* 39 (1988) pp. 45-63 illus.

Against a background of the transition from late antiquity to the early medieval period, the author describes the unusual case of the lead coins of the bishops of Luni, active between A.D. 593 and 792.
(Andrea Carignani)

448 RICCI, ROBERTO. Saggio di una trattazione sulle tipologie e la circolazione monetaria nelle aree lunense e massense dall'età carolingia alla fine del XIV secolo. *AttiMemStorPatModen* S.11, 15 (1993) pp. 103-15.

Based on coin finds and documentary evidence, the author reconstructs the monetary developments in the region of Luni and of Massa between the 9th and 14th centuries. In particular, he addresses the problem of the supposed coinage of Enrico di Fucecchio, bishop of Luni, who obtained the right to strike coins from king Rodolfo in 1285.
(Andrea Carignani)

449 RISSONE, GIOVANNI. La zecca di Ronciglione. *La Tuscia in età giacobina e napoleonica (1798-1815)*, Atti del convegno, Ronciglione 23-24 May 1987, *Archivi e cultura* 21-22 (1988-89) pp. 91-97.

450 RODRIGUEZ LORENTE, J. J. and S. FONTENLA BALLESTA. Contribución al estudio de la metrologia hispano-árabe. La plata Nasri. Un nuevo enfoque. *GacNum* 110 (1993) pp. 45-46.

451 ROESLE, ALPHONSE E. Die Sechzehnerpfennige der Stadt und Republik Bern. *SNR* 68 (1989) pp. 97-150 illus.

The article publishes the *Sechzehnerpfennige* of the Republic of Bern. These crown-size silver coins were struck from 1667-1797 and again after 1818 as remuneration for the 16 (sechzehn) members of the city council. The early issues follow the types of contemporary Bernese talers while the appearance of the later ones becomes gradually more medallic.
(Silvia Hurter)

452 ROMÃO, JOSE DE ARES. 800 Anos de Ouro Amoedado Portugues [800 Years of Portuguese Gold Coins]. *MOEDA* Vol. 17 No. 5 pp. 45-51; Vol. 18 No. 2 pp. 107-11; Vol. 18 No. 3 pp. 139-45. In Portuguese.

The articles discuss gold coins issued in Portuguese territory from Roman times until 1889.
(Alain Costilhes)

453 ROVELLI, ALESSIA. La moneta nella documentazione altomedievale di Roma e del Lazio. *La storia economica di Roma nell'alto Medioevo alla*

luce dei recenti scavi archeologici. Florence, Biblioteca di Archeologia Medievale 10, All'Insegna del Giglio 1993 pp. 333-52.

Based on numismatic finds in excavations of the *Crypta Balbi*, the author presents the evolution of monetary circulation in Rome and Latium in the early medieval period (4th through 11th centuries).
(Andrea Carignani)

454 RUOTOLO, GIUSEPPE. Il "Vecchio" Vergara. *RIN* 94 (1992) pp. 241-57.

This article contains notes on the classic work on Neapolitan coinage, Cesare Antonio Vergara's *Monete del Regno di Napoli*, published at the beginning of the 18th century.
(Andrea Carignani)

455 RUSSO, GIANLUIGI. Sull'origine della raffigurazione di S. Petronio seduto nella monetazione di Bologna. *RIN* 94 (1992) pp. 233-40 illus.

The iconography of the seated saint was introduced in Bolognese coinage during the pontificate of Eugene IV.
(Andrea Carignani)

456 SERNIA, FRANCESCO. Monete napoletane di Filippo II contromarcate da Sigismondo Augusto re di Polonia. *BollCircNumNapoletano* 72 (Jan. 1987-Dec. 1990) pp. 29-34 illus.

The author publishes some Neapolitan coins of Philip II countermarked with the SA of Sigismund Augustus of Poland and struck at the mint of Vilna. Neapolitan coins were heavily used in Poland to finance the war against Czar Ivan IV.
(Andrea Carignani)

457 SICILIANO, ALDO. Circolazione monetaria a Monte Sannace:2, Per una lettura storico-economica dell'area. *Gioia. Una città nella storia e civiltà di Puglia*, Vol. 3. Fasano, Schena editore 1992 pp. 147-64.

A review of the composition of hoards found in the region is the basis for reconstruction of monetary circulation in the area of Monte Sannace in Apulia.
(Andrea Carignani)

458 SPAGNOLI, EMANUELA. Alcune riflessioni sulla circolazione monetaria in epoca tardoantica a Ostia (Pianabella) e a Porto: I rinvenimenti degli scavi 1988-1991. *La storia economica di Roma nell'altro Medioevo alla luce dei recenti scavi archeologici*, Biblioteca di Archeologia Medievale 10, All'Insegna del Giglio, Florence 1993 pp. 247-66 illus.

The author presents preliminary observations on coin circulation at Ostia between the 4th and 11th centuries based on numismatic finds (532 coins) from the excavations at Pianabella.
(Andrea Carignani)

459 STOLL, HANS-JOACHIM. Das Münzschatzgefäß aus dem Sangerhäuser Münzfund von 1989. *Beiträge zur Heimatforschung, Sangerhausen (Spengler-Museum Sangerhausen)* No. 10 (1991) pp. 18-20.

460 SUCHODOLSKI, STANISLAW. Est-ce que les Burgondes ont été forcés d'accepter l'or au poids? *NumAntClas* 20 (1991) pp. 247-51.

The author proposes a different reading of a passage of the *Lex Burgundiorum* regarding the prohibition against refusing payment for commercial transactions in *aurum pensante*, interpreting the term as gold coinage of good alloy and not, as previously accepted, a weight of gold. (Andrea Carignani)

461 SUCHODOLSKI, STANISLAW. Les débuts de l'obole des défunts en Europe centrale au haut Moyen Age. *Acta Num* 21-22-23 (1992) pp. 347-54.

462 SUCHODOLSKI, STANISLAW. Remarques sur la circulation monétaire dans l'Europe du haut Moyen-Age. *NumAntClas* XXII (1993) pp. 249-56.

463 TALVIO, TUUKKA. Keräilystä Suomessa 1800-luvulla. C.G. Tamelander ja hänen kokoelmansa [Collectors in Finland in the 19th century: C.G. Tamelander and his collection]. *Numismaattinen Aikakauslehti* No. 1 (1994) pp. 15-19 illus. In Finnish.

Lt. Col. Tamelander (1792-1861) was one of the leading collectors of his time in Finland. He is known to have acquired coins from Viking-Age finds, including 11th-century imitations of Byzantine miliaresia. (Author)

464 TEWES-BANNICKE, ELKE. Ein Münzfund in Sangerhausen. *Beiträge zur Heimatforschung, Sangerhausen (Spengler-Museum Sangerhausen)* No. 10 (1991) pp. 11-17.

The find from 1989 includes 202 two- and 79 four-mariengroschen from Braunschweig-Lüneburg (131 coins), Brunswick-Wolfenbüttel (110 coins), and Hannover (40 coins) dating from 1624 to 1692. (Paul Arnold)

465 TOBLER, EDWIN. Eine rätselhafte St. Galler Münze. *SM* 42 (1992) Vol. 168 pp. 130-3 illus.

The author publishes a half *batzen* of St. Gall with the name of the patron saint misspelled which is either a local imitation or an outright contemporary falsification.

(Silvia Hurter)

466 TODERI, GIUSEPPE. Apertura ed organizzazione della zecca di Siena. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 17-25 illus.

The author discusses the initial phases of the mint of Siena, beginning in the late 12th century.
(Andrea Carignani)

467 TODERI, GIUSEPPE. Attività della zecca. Trattati monetari e monete stranieri. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 171-81 illus.

468 TODERI, GIUSEPPE. Le monete della Repubblica di Siena (1180-1559). B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 283-403 illus.

This article catalogues 94 types that illustrate the various phases of activity of the mint from its foundation to its closing.
(Andrea Carignani)

469 TODERI, GIUSEPPE. Monete circolanti nel territorio senese prima dell'apertura della zecca. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi 1992 editore pp. 11-15 illus.

This is a brief review of monetary circulation in the area of Siena from the first century B.C. to the 12th century A.D., with particular attention to the Lombard and Carolingian periods.
(Andrea Carignani)

470 TODERI, GIUSEPPE. Problemi di numismatica senese: le fonti di archivio e gli zecchieri. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 27-37 illus.

471 TODERI, GIUSEPPE and FIORENZA VANNEL TODERI. Collezioni pubbliche e private. Le falsificazioni. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 223-35 illus.

The first part of this article catalogues coins of Siena in public and private collections; the second part discusses ancient and modern imitations of these coins.
(Andrea Carignani)

472 TRAVAINI, LUCIA. Ancona, L'Aquila e Cales. Rinvenimenti di monete. *BollNum* 13 (1989) pp. 171-72.

The author notes a coin of Rimini from the 13th-14th century found at S. Ciriaco in Ancona, two coins of Charles VIII of France (1495) and Louis XII (1501-1504) struck in the mints of Chieti and Naples and discovered at Aquila, and a coin of Aurelian and one of Philip III of Spain found at Cales near Capua. (*Andrea Carignani*)

473 TRAVAINI, LUCIA. Genova e i tarì di Sicilia. *RIN* 93 (1991) pp. 187-94.

The problem of the date of the first gold coins of Genoa (late 12th/early 13th century) is re-examined in the light of intense monetary and commercial intercourse between the city and Sicily. It may be that Genoa began to strike gold coins following the monetary reform of William II (1180). (*Andrea Carignani*)

474 TRAVAINI, LUCIA. I tarì siciliani e il ripostiglio di Placanica: note metrologiche e interpretative. *Archivio Storico per la Calabria e la Lucania* 58 (1991) pp. 59-67.

The author examines 100 gold coins from a hoard discovered in 1962 in Calabria. The coins belong to the period between the reigns of Roger I (end of the 11th century) and Henry VI (end of the 12th century). (*Andrea Carignani*)

475 TRAVAINI, LUCIA. L'Italia meridionale e la Sicilia. La monetazione. *I Normanni popolo d'Europa 1030-1200*, Catalogo della Mostra. Venice, Marsilio editore 1994 pp. 74-77 illus.

The author describes the circulation of Norman coinage in Sicily and southern Italy. (*Andrea Carignani*)

476 TRAVAINI, LUCIA. Monete medievali in area romana: nuovi e vecchi materiali. *RIN* 94 (1992) pp. 163-82.

This is a systematic review and reorganization of information relative to new discoveries of medieval coins in the area around Rome. The catalogue begins with the papal pseudo-Byzantine coins of the seventh and eighth centuries and ends with the ducats of the Roman senate of the 15th century. (*Andrea Carignani*)

477 VANNEL TODERI, FIORENZA. La diffusione della moneta senese. I tesoretti monetali. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 183-87 illus.

Based on examination of hoards from the 14th through 16th centuries, it is clear that coins of Siena rarely circulated beyond the territory directly controlled by the city. (*Andrea Carignani*)

478 VANNEL TODERI, FIORENZA. Numismatica e istituzioni senesi. Terminologia. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 259-82 illus.

479 VANNEL TODERI, FIORENZA. Tecniche di coniazione. Miniere e metallo per la produzione delle monete. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 39-71 illus.

480 VANNI, FRANCA MARIA. Problemi di datazione di alcune monete pisane. *Bollettino Storico Pisano* 59 (1990) pp. 243-48.

Based on examination of some recent numismatic finds, the author discusses two Pisan coins. The author proposes lengthening the issue of the "bianco," traditionally dated to 1300, until 1420, and moves the quattrino to the first half of the 15th century.

(Andrea Carignani)

481 VASQUEZ DE PRADA, VALENTIN. Gli uomini d'affari e i loro rapporti con la corona spagnola nelle Fiandre. *La repubblica internazionale del denaro tra XV e XVII secolo*, Annali dell'Istituto storico italo-germanico, Quaderno 20 (1986) pp. 243-73.

482 VENGE, MICHAEL. Oberstens møntproblemer og Christians II's Klippinge [The colonel's coin problems and the klippings of Christian II]. *NNUM* No. 4 (1994) pp. 67-69. In Danish.

A preserved account by a German clerk from Lübeck throws light on the serious problems caused by the bad emergency coins (klippings) issued during the siege of Copenhagen in 1523.

(Ulla Westermarck)

483 VENTURA, J. Manipulacions monetàries a València a finals del segle XV. *Acta Num* 21-22-23 (1992) pp. 417-34.

484 VERDEJO SITGES, J. Colección de resellos y curiosidades carlistas. *Acta Num* 21-22-23 (1992) pp. 515-22.

485 VERDEJO SITGES, J. Dos cobres inéditos de la serie general (S. XVII). *GacNum* 110 (1993) pp. 9-10.

486 VERDEJO SITGES, J. Dos maravedis del Ingenio Segoviano inéditos (1622)? *GacNum* 112 (1994) pp. 13-14.

487 VERDEJO SITGES, J. Dos raras pesetas madrileñas. *GacNum* 112 (1994) pp. 15-16.

488 WISEHN, EVA. Kristina Charlottas dukat och andra mytskatter från Vickelby socken på Öland [The ducat of Kristina Charlotta and other finds of coins in the parish of Vickelby, Öland]. *SNT* Vol. 3 1994 p. 63 illus. In Swedish.

The article deals with finds of gold coins on the island of Öland and especially a ducat from Bologna struck for the Pope Clement VII and found in 1858 by a young girl in the parish of Vickelby. The ducat is now in Stockholm. (*Elsa Lindberger*)

For additional references to the numismatics of Western and Central Europe, see the following abstracts:

Greek, Nos. 41, 100, 121, 155

Roman, Nos. 184, 206, 277, 281

Byzantine, Nos. 301, 302.

EASTERN EUROPE AND THE BALKANS

489 KASDAGLI, ANNA MARIA. Hospitaller Silver Find in Rhodes. *NomKhron* Vol. 11 (1992) pp. 59-60 illus.

490 KOKKAS, PANOS G. Some Aspers of Suleyman I from the Mint of Sidre Qapsi. *NomKhron* Vol. 11 (1992) pp. 66-68 illus.

491 MACKENZIE, KENNETH M. Gold Coins of Suleyman the Magnificent from the Mint of Sidre Qapsi. *NomKhron* Vol. 10 (1991) pp. 71-78 illus.

492 MARKETOS, G. The 1973 ("Kingdom of Greece") 20 Drachma piece. *NomKhron* 7 (1988) p. 119 illus.

493 MAZARAKIS, ANDREAS. The Chios Mint during the rule of the Zacharia family. *NomKhron* Vol. 11 (1992) pp. 50-52 illus.

494 MAZARAKIS, ANDREAS. The Siderounta Hoard. *NomKhron* Vol. 12 (1993) pp. 34-35 illus.

A coin hoard from the island of Chios dating from the period of Genoese domination. (*Anastasios P. Tzamalīs*)

495 MAZARAKIS, ANDREAS. Some new evidence regarding the numismatic system of the Gattilusii, Lords of Lesbos. *NomKhron* Vol. 9 (1990) pp. 146-49 illus.

496 METCALF, D.M. A comment on the Circulation of Tornesia of Charles of Anjou, and their Chronology. *NomKhron* Vol. 11 (1992) pp. 27-32 illus.

497 PITIDIS-POUTOUS, THEODORE. The Coins of Capodistria. *NomKhron* Vol. 12 (1993) pp. 38-43 illus.

A die collection of 10 lepta from 1831.

(Anastasios P. Tzamalis)

498 ROMANOS, MICHAEL. Post-war Greek patterns and unofficial strikings. *NomKhron* Vol. 7 (1988) pp. 111-13 illus.

499 ROUDOMETOF, NIKOS. The Rhodes Hoard. *NomKhron* Vol. 9 (1990) pp. 77-80 illus.

500 SRECKOVIC, S. Osmanlijski novac kovan na tlu Jugoslavije. Beograd 1987. *CSSAI* Vol. 3 (1992) pp. 131-36.

501 TARINAS, STRATIS. The Countermarks of Plomari. *NomKhron* Vol. 8 (1989) pp. 88-89 illus.

502 TZAMALIS, A.P. Addition to the tornesia of the 1st Group of Guillaume de Villehardouin. *NomKhron* Vol. 11 (1992) p. 41 illus.

503 TZAMALIS, A.P. The first period of the Frankish tornesio. *NomKhron* Vol. 9 (1990) pp. 129-131 illus.

504 TZAMALIS, A.P. The Overstamped Sesini. *NomKhron* Vol. 11 (1992) pp. 77-80 illus.

505 WILSKI, HANS. The Agiasos Hoard. *NomKhron* Vol. 12 (1993) pp. 45-59 illus.

A study of a hoard of countermarked Turkish coins from the island of Lesbos.

(Anastasios P. Tzamalis)

506 ZERVOS, ORESTES H. A hoard of Frankish coins from the excavations at Corinth/1989. *NomKhron* Vol. 9 (1990) pp. 133-36 illus.

For additional references to the numismatics of Eastern Europe and the Balkans, see the following abstract:
Roman, No. 257.

THE AMERICAS

UNITED STATES

507 ARGYRO, DAN. Die States of 1848, Part 3. *PW* Vol. 27 No. 6 (Nov. 15, 1993) pp. 420-24.

Die state descriptions for large cents of 1848 are presented for varieties N-13 through N-19.
(Thomas Serfass)

508 BORCHARDT, FRED H. Die States of the 1818 N-4 Large Cent. *PW* Vol. 28 No. 1 (Jan. 15, 1994) pp. 5-7 illus.

A group of EAC members studied nine examples of this variety and proposed six die states. They concluded that improper hardening of the obverse "was the cause of the problems." The problems referred to were principally die bulges and crumbling. They also called for further review of published die state information.

(Thomas Serfass)

509 BRIGGS, LARRY. An 1853-O over Horizontal O Quarter Discovered. *Gobrecht J* Vol. 20 Issue 58 (Nov. 1993) pp. 16-17 illus.

After confirming this new variety via a second example, the author announces this new and "probably very rare" variety. The remnants of the horizontal O are clearly visible in the illustration. Briggs also notes the positioning of the mintmark is different from that on the five reverses he listed in his book.

(Thomas Serfass)

510 BRIGGS, LARRY. A New Variety for the 1858-S Quarter. *Gobrecht J* Vol. 20 Issue 58 (Nov. 1993) p. 35 illus.

Michael E. Friedman is credited with discovering a new variety of 1858-S quarter by author Larry Briggs. The coin has both a new reverse, denoted reverse C and an unknown obverse denoted obverse 3. The mintmark is much further left (being over the right side of R in QUAR.) than on other varieties. Obverse 3 is distinguished by the date gradually sloping downward from left to right, among other diagnostics. This is the only known specimen.

(Thomas Serfass)

- 511 BURD, WILLIAM A.** The Inscrutable 1894-S Dime. *Num* Vol. 107 No. 2 (Feb. 1994) pp. 228-33, 283-89 illus.

The author delves into the theories concerning the manufacture of only 24 dimes at the San Francisco Mint in 1894. A biographical sketch of John Dagget, Superintendent of the Mint in 1894, is provided along with the author's conclusion that malfeasance was unlikely. There are nine known specimens and Burd tracks their provenance. The author explains there are errors and confusion in the pedigrees of the dimes and several listings are so misleading that Burd concludes "two specimens do not exist." David Lawrence and the author agree that there is only one obverse die used rather than two. A descriptive chart of the nine coins is included.

(Thomas Serfass)

- 512 COLEMAN, RICHARD T.** The Twelve Star Variety Half Cent of 1828. *PW* Vol. 28 No. 2 (March 15, 1994) pp. 64-69 illus.

The author challenges the four die states proposed by Breen and advocates three alternative die states supported by enlarged photographs. He allows that later die states may exist.

(Thomas Serfass)

- 513 FINKELSTEIN, DAVID.** Obverse Die Dentil Analysis, Part 1—Capped Bust Halves, 1807 to 1819. *JRJ* Vol. 8 Issue 1 (October 1993) pp. 8-18.

In an effort to distinguish between overdated coins struck from leftover obverse dies and those which contained mistakes but were subsequently corrected, the author has proposed use of four diagnostic elements: dentil counts along with emission order, information on master hubs used, and "differences between the same date digits across years." This study is confined to obverse dies and does not consider different dentil sizes of spacing between adjacent dentils. Three tables summarize dentil counts by Overton variety, number and emission order.

(Thomas Serfass)

- 514 FORTIN, GERRY.** A Second Variety of 1840-O Medium O Dime Identified. *Gobrecht J* Vol. 20 Issue 58 (Nov. 1993) pp. 19-21 illus.

Details and well illustrated description of the two known varieties of 1840-O medium O dime are presented. The newly discovered variety is most easily distinguished by its left tilting mintmark. Also there are several more die cracks on the reverse of this second die pair. On the obverse of the new variety, the 1 is positioned differently as is the point of the first star.

(Thomas Serfass)

- 515 GANZ, DAVID L.** A Milestone for a Monumental Coin. *Num* Vol. 107 No. 1 (Jan. 1994) pp. 42-46, 123-36 illus.

A fine history of the adoption of the memorial reverse on the Lincoln cent which focuses on the work of various commissions in addition to that of engraver Frank Gasparro. The brilliant handling of the sharp criticism by the National Sculpture

Society is also provided. The metallic compositional changes of the cent and other interesting facts about the U.S. cent are presented. (Thomas Serfass)

516 GOLDBERG, IRA. Backdrop and Aftermath: The Mint Fire of 1816. *Num* Vol. 106 No. 12 (Dec. 1993) pp. 1705-8 illus.

A newly obtained letter from Secretary of State James Monroe to Mint Director Patterson sheds light on efforts to gain permission in England to export machinery to America. The mint sought rollers and other steam powered equipment from Matthew Boulton to replace fire damaged equipment. The severe damage caused by the 1816 fire had the ironic effect of improving the quality and technological complexity of the mint's rolling mill, which lasted until the 1836 improvements. (Thomas Serfass)

517 GRIFFEE, JOHN. New Jersey Coppers, Part 11: Maris 34v. *PW* Vol. 27 No. 6 (Nov. 15, 1993) pp. 424-30.

The author continues his series with an extensive condition census for this variety, a list of unaccounted for auction appearances, and revised condition census information for varieties 41c, 71y, 35J, 11H, and 15U. (Thomas Serfass)

518 GRIFFEE, JOHN. New Jersey Coppers, Part 14, Maris 22P. *PW* Vol. 28 No. 2 (March 15, 1994) pp. 88-89.

Distinguishing marks of this rare variety are described along with other rare varieties having a stop after the A. Hints about rare coulter and no coulter varieties are also given. References to previous sales and plates are provided as well as a nine coin condition census. (Thomas Serfass)

519 JULIAN, ROBERT W. The Half Cent Coinage of 1811. *Num* Vol. 106 No. 12 (Dec. 1993) pp. 1711-14, 1759 illus.

The author uses the supply of coining metal (and planchets) to analyze cycles of mint production. One of the aims of Elias Boudinot was to keep his skilled craftsmen employed striking copper coins if no gold or silver was available for higher denominations. Although erratic, adequate supplies of cent and half cent stock were imported from England and this contributed to the relative oversupply of half cents during the 1804-10 period. Julian explains that all of the 1811 half cents were paid out and not melted, but he suggests that 1810 obverse dies were used for a large percentage of the 1811 mintage, thus accounting for their scarcity. A few exceptional specimens are also discussed with pricing information. (Thomas Serfass)

520 LANGE, DAVID W. New Types Take Wing on Mercury Dimes. *Num* Vol. 106 No. 12 (Dec. 1993) pp. 1697-1702 illus.

Two new types of winged liberty head dimes were discovered by the author. Analysis of photos revealed the use of two different hubs to make dies for the 1917-P and 1917-D coins, and then redesign on dimes dated 1918 through the end of the

series. The types are labeled "Type of 1916," "Type of 1917" and "Type of 1918" and each is fully described. (Thomas Serfass)

521 LEE, DUNCAN D. A Rarity Study of Mint State Liberty Seated Dollars, 1840 to 1873. *Gobrecht J* Vol. 20 Issue 58 (Nov. 1993) pp. 9-15.

This study combines figures of PCGS and NGC and reflects information available as of June 24, 1993. The author acknowledges the bias caused by resubmissions and clearly sets out his criterion for determining rarity. Chart included. The author also speculates on the 1873-S standard dollar. (Thomas Serfass)

522 LEONARD, ROBERT D. The Legend of the Yoachum Dollar. *Num* Vol. 107, No. 3 (March 1994) pp. 373-78, 447-49, 459 illus.

Much of the legend of the "Yocum" dollars is recounted. The author investigates the legend by examining historical records and checking out facts to see if there were people in southern Missouri who could fit into the legend. (Thomas Serfass)

523 LOGAN, CHARLES. The Kennedy Half Dollar: Reflections on 30 Years. *Num* Vol. 107 No. 3 (March 1994) pp. 348-52, 406-408 illus.

The history of the Kennedy half dollar from the decision to honor John F. Kennedy on some denomination through the details of design, approval, and the difficulty in meeting the demand for the coin in 1964 are chronicled. The Kennedy family played an important consultancy role, from Jacqueline's veto of a possible Kennedy quarter to Robert's input concerning the President's hair. There was extreme pressure on Gilroy Roberts and the entire Mint department to produce the design quickly and they succeeded in achieving the Jan. 2, 1964, deadline for delivering proof dies to the Mint. Regular production began on Jan. 10, 1964. The frequently changing composition of this half dollar and its special bicentennial reverse are also discussed. (Thomas Serfass)

524 LOGAN, RUSSELL J. A Bust Half Die Remarriage. *JRJ* Vol. 8 Issue 1 (October 1993) pp. 19-24 illus.

Die remarriage is defined and examples from other coin series are cited. Following the work of Don Gunnet and Ivan Leaman on die sequences on early half dollars, the author set out to find a remarriage in the Bust Half Dollar series. The reverse die for 1828-O118 and 1829-O110 yielded a spectacular example with two separate identifying die cracks through 50 C. and UNITED. Logan suggests die remarriage as a new area for specialization. (Thomas Serfass)

525 MALLIS, A. GEORGE. Yankee Ingenuity in Crises of Hard Money. *Num* Vol. 106 No. 11 (Nov. 1993) pp. 1547-51 illus.

Oppressive English monetary regulation caused severe and continuing shortages of "hard money" in the Massachusetts Bay Colony. Among the expedients discussed

are minting coins and dating them during the Interregnum (1652) to avoid charges of usurping royal prerogative, adjusting the value of foreign coins, and minting coins which were deliberately lighter in weight (although equal in fineness) than their English cousins to keep the coins from being exported and suffering a discount. There are also discussions of inflation and the redemption of paper money. (*Thomas Serfass*)

526 McCLOSKEY, JOHN W. Date Styles on Liberty Seated Coinage. *Gobrecht J* Vol. 20 Issue 58 (Nov. 1993) pp. 36-41 illus.

Date styles are a new area of study and the author provides an excellent overview of his findings. Variations in crosslets on the numeral four during the 1840s were substantial as the "tilt" of the numeral five in dates during the 1850s were notable for their variety. Attributes of various date punches are presented rather than attempting to provide a list of varieties. The unique characteristics of numerals from each year of the 1870s are explained and illustrated. (*Thomas Serfass*)

527 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Nine. *PW* Vol. 28 No. 1 (Jan. 15, 1994) pp. 14-19.

The author continues his series with reverses M1, M2, MM, N, O and OO. Each listing features a brief discussion of the die, die states, strike order, census, specimen bank information and finest known specimen. (*Thomas Serfass*)

528 McLAUGHLIN, MICHAEL. Fugio Files Updated, Part Ten. *PW* Vol. 28 No. 2 (March 15, 1994) pp. 81-85.

The author continues his series on Fugio coinage with studies of Newman reverses P, Q, R, S and SS. (*Thomas Serfass*)

529 MOSSMAN, PHILIP L. *Money of the American Colonies and Confederation: A Numismatic, Economic and Historical Correlation.* New York, ANSNS 20, 1992. 314 pp. illus.

The author has brought recent scholarship on this era together while presenting it fully in its historical context. Mossman covers the English attitude toward her North American colonies and its economic consequences; the necessity and strategy of "country pay" and other commodity monies along with wampum, elaborate bookkeeping schemes and the use of foreign specie are presented; the Massachusetts and Maryland silver coinages, colonial paper money, early copper coinages and the effects of the American Revolution are examined; British halfpence and other lightweight token money are fully described; detailed discussion of the Coppers Panic of 1789 forms a conclusion to the earlier chapters. The 14-page bibliography includes extensive archival and newspaper material. Extensive metrological data are presented in useful tables and charts. There is a fine index and the appendices stand by themselves as useful reference and research tools. (*Thomas Serfass*)

530 PRICE, ED. Varieties of 1796 No Stars Quarter Eagle. *JRJ* Vol. 8 Issue 2 (Jan. 1994) pp. 6-9, 11 illus.

There are two varieties of the 1796 No Stars Quarter Eagle according to work by Walter Breen and Robert Hilt. The author wanted to ascertain why the reporting of a third variety in 1968 by Breen had disappeared. Price's research has led him to conclude that only two varieties are known and that Breen corrected his 1968 error by omitting the information in his encyclopedia. Price's work has also raised questions about the number of the rare 2A variety which have survived. *(Thomas Serfass)*

531 SNYDER, RANDY. Notes on the Booby Head Reverses. *PW* Vol. 27 No. 6 (Nov. 15, 1993) pp. 416-20 illus.

The reverses of the 1839 large cent are analyzed. The author points to the disagreements between Andrews, Newcomb and Wright particularly concerning N-5 and N-10 and N-6 and N-11. The question of whether N-5 and N-10 are two separate dies or simply different die states of the same pair is addressed for both these pairs. The conclusion reached is that they are separate dies rather than different states of the same die pair. *(Thomas Serfass)*

532 STARK, ROBERT. Countermarks on Early U.S. Dollars. *JRJ* Vol. 8 Issue 1 (October 1993) pp. 27-38 illus.

The author presents over 60 countermarked dollars dated between 1794 and 1803. Advertising is the overwhelming motive for countermarking although some areas used the marks to certify value or approve for local use. English countermarking of captured Spanish silver and the counterfeiting it spawned are discussed. *(Thomas Serfass)*

533 VON KLINGER, ERIC. Change to zinc based cent left unanswered questions. *NN* Vol. 43 No. 11 (March 15, 1994) pp. 38, 40, 42, 44, 46-47 illus.

The shift away from a primarily copper cent began in the 1970s amid rising prices for copper. The disadvantages of several alternative and some viable alternatives such as aluminum-bronze were never considered. Aluminum seemed to be the chosen successor to copper before a variety of opponents prevented this transition and the copper plated zinc variety was chosen. *(Thomas Serfass)*

For additional references to the numismatics of the United States, see the abstracts in the section on Technology and Methodology.

CANADA

534 ALLAN, WALTER D., ed. *The Charlton Standard Catalog of Canadian Government Paper Money (6th edition)*. Toronto, the Charlton Press 1993. 300 pp. illus. ISBN 0-88968-115-5.

Canadian currency of all types, including French colonial, provincial, municipal, and Bank of Canada issues, is presented. Signature/serial number lists and considerable design and production details are included. (Joseph E. Boling)

535 DOTY, RICHARD G. Boulton, Watt and the Canadian Adventure. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 38-47 illus. ISBN 0-89722-252-0.

Examines the connection between Boulton, Watt & Co. (Soho, Birmingham, England) between the 1790s and the mid-1840s, in light of the larger links to the United States during most of the same period. The connection only became important once the firm's forty-year trade with the United States Mint came to a close, in 1837.

(Author)

536 ESLER, J. GRAHAM. The So-Called English Issues of the Bank of Montreal. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 82-102 illus. ISBN 0-89722-252-0.

This article examines the position of the Bank of Montreal during the decade before Confederation, the conditions which led to the issuing of the so-called English Issues, and finally the notes themselves, focusing on the paper money issues of 1852 and 1856.

(Author)

537 HODDER, MICHAEL. An American Collector's Guide to the Coins of Nouvelle France. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 1-35 illus. ISBN 0-89722-252-0.

A brief historiographical review and a type catalogue of French colonial coins.

(Author)

538 KASLOVE, HILLEL. Patterns and Trial Pieces of Canada. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference,

Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 126-59 illus. ISBN 0-89722-252-0.

A comprehensive listing of all Canadian pattern and trial pieces including several previously unpublished. An appendix contains a concordance of Charlton, Bowman and McLachlan numbers as well as a corrected list of specimens in the National Currency Collection, Bank of Canada. (Author)

539 KATEN, FRANK and TAYMAN, BARRY. The Magdalen Island Token. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 50-62 illus. ISBN 0-89722-252-0.

A brief history of the "penny" token struck privately by the Coffin family who owned this island in the gulf of the St. Lawrence River; includes a graded listing of all important sales. (Authors)

MEXICO, CENTRAL AND SOUTH AMERICA

540 CAFFARELLI, EUGENIO VERGARA. *As Moedas do Brasil, Desde o Reino Unido: 1818-1992 [Coins of Brazil, since the United Kingdom: 1818-1992]*. Author's edition, São Paulo, Perfect Artes Graficas Ltda. 1992. 566 pp. illus. In Portuguese.

This comprehensive study of Brazilian coins covers material beginning with the declaration of the "United Kingdom" (including Portugal, Brazil, and Algarves) by the regent prince D. João in May 1816. It includes special issues, official and private countermarks, and private coins and tokens. The second part of the work lists and summarizes the principal laws, decrees, provisions, etc. related to the coinage from 1550 to the present. (Alain Costilhes)

541 DEANA SALMERON, A. Las Bahamas tambien conmemoran el quinto aniversario de América. *GacNum* 112 (1994) pp. 19-22.

542 DEANA SALMERON, A. Rara pieza de 8 R. de la Casa de Moneda Provisional de Sombrerete. *GacNum* 110 (1993) pp. 11-16.

543 DOTY, RICHARD G. Juaristas, Imperialistas, and Centavos: Decimalization and Civil War in Mexico, 1857-1870. *AJN* 2nd Ser. 3-4 (1991-92) pp. 135-46 illus.

544 DYM, K.A. Cantidad de plata amonedada en Potosí durante 1652. *GacNum* 110 (1993) pp. 47-50.

545 KLACKENBERG, HENRIK. Piratguld [Pirate gold]. *SNT* Vol. 2 (1994) pp. 34-35 illus. In Swedish.

The article deals with the Uruguayan Treasure of the River Plata found in a shipwreck on April 10, 1992, and sold by Sotheby's in New York, March 1993. The author presents the specimens acquired for the collection of the Royal Coin Cabinet, Stockholm: one gold ingot and nine gold coins, all of them struck for King Ferdinand VI of Spain by the new mint at Santiago, Chile, 1749-51. Also discussed are other treasures in shipwrecks from the same area.
(Elsa Lindberger)

546 LASSER, JOSEPH R. The Cobs of Cartagena. *AJN* 2nd Ser. 3-4 (1991-92) pp. 117-22 illus.

547 LEMER, ARTHUR VICTOR. Uma Pequena Viagem Pelo Mundo do Cobre Brasileiro [A Small Voyage into the World of Brazilian Copper]. *Noticias da Sociedade Numismatica Brasileira* No. 27 (Oct. 1993) pp. 6-14. In Portuguese.

548 PUSINERI SCALA, C.A. El último ministro español de la Real Hacienda. *GacNum* 110 (1993) pp. 55-67.

MEDALS AND DECORATIONS

549 ADAMS, JOHN W. The Virginia Happy While United Medal. *AJN* 2nd Ser. 3-4 (1991-92) pp. 123-34 illus.

Six years ago the Virginia Happy While United Medal was declared a "19th century fabrication." In fact, it was designed by Thomas Jefferson and used by him as an instrument of specific policy at a crucial point in our nation's affairs. (Author)

550 ALTERI, GIANCARLO. Le medaglie. *Roma di Sisto V. Le arti e la cultura*, Catalogo della Mostra. Rome, Edizioni De Luca 1993 pp. 443-46 illus.

Among the subjects depicted were the numerous papal achievements in city planning and architecture, and Pope Sixtus' political initiatives in Italy and abroad.
(Andrea Carignani)

551 ALTERI, GIANCARLO. *Medaglie. Tesoros artisticos del Vaticano*, Catalogo della Mostra, Città del Messico, 16 Nov. 1993-16 Feb. 1994. Milan, Electa 1993 pp. 110-12, 218-21 illus.

The first group of medals, from Julius III to Leo XIII, bears a reverse type of the bronze statue of St. Peter. A second group, from Julius II through John Paul II, presents various representations of the facade of the Basilica of St. Peter and its piazza.

(Andrea Carignani)

552 BAKER, WARREN. The Powell and Sutherland Golden Wedding Commemoratives. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 64-79 illus. ISBN 0-89722-252-0.

A comprehensive examination of archival records pertaining to two medals commemorating golden wedding anniversaries; in one case the male spouse was an eminent jurist, in the other he was an investor in the Northwest Company (a rival of the Hudson's Bay company in the fur trade).

(John M. Kleeberg)

553 CUHAJ, GEORGE S. Chester Martin: A Life of Art. *Num* Vol. 106 No. 12 (Dec. 1993) pp. 1716-18 illus.

The artist was originally trained in graphic art and design in Chattanooga under George Cress and Gail Hammond. After being involved in other areas of artistic expression, Martin won three medallic art competitions in 1980. He joined the U.S. Mint in 1986. His achievements include models for parts of five modern commemorative dollars, the reverse of the Bush Presidential Medal, several Congressional medals including those honoring Andrew Wyeth, Generals Colin Powell and Matthew Ridgway, as well as a medal commemorating the centennial of Yosemite National Park.

(Thomas Serfass)

554 CUSUMANO, VINCENZO and ADOLFO MODESTI. *Pio XI nella medaglia (1922-1939)*. Rome, Lithoprint 1987. 267 pp. illus.

The author publishes 367 medals struck by Pope Pius XI.

(Andrea Carignani)

555 CUSUMANO, VINCENZO and ADOLFO MODESTI. *Pio XII nella medaglia (1939-1958)*. Rome, Lithoprint 1989. 265 pp. illus.

The author publishes 377 medals struck by Pope Pius XII.

(Andrea Carignani)

556 DEANA SALMERON, A. Medalla de la proclamación de Carlos IV en la ciudad de Oaxaca. *GacNum* 110 (1993) pp. 69-74.

557 DIMACOPOULOS, GEORGE D. The medal designed for the Philhellene fighters of 1897. Plans for a medal of honor which was never introduced. *NomKhron* Vol. 7 (1988) p. 103 illus.

558 DIMACOPOULOS, GEORGE D. GRAECIA REDIVIVA. The commemorative medal of King Otto's ascension to the throne. *NomKhron* Vol. 9 (1990) pp. 65-68 illus.

559 DIMACOPOULOU, CHARIKLEIA G. The Wreath of Honour. *NomKhron* Vol. 10 (1991) pp. 89-90 illus.

560 FORASTE, M. El terç de Requetès de Ntra. Sra. de Montserrat. *Acta Num* 21-22-23 (1992) pp. 551-54.

561 GIARD, JEAN-BAPTISTE. L'image d'Alexandre le Grand à la Renaissance. *NumAntClas* 20 (1991) pp. 309-15 illus.

The author presents preliminary considerations on the iconography of Alexander the Great on Renaissance medals. (Andrea Carignani)

562 GUT, FRANZ. Einige "Honoranzen" und "Discretionen" der Zürcher Stadtregierung im 18. Jh. mit Verdienstmedaillen und Speciestalern. *SM* 43 (1993) Vol. 172 pp. 96-105 illus.

The author discusses medals which were struck in the 18th century for members of the town council in various weights and metals according to the officials' merits, referring to contemporary written sources. (Silvia Hurter)

563 HANNIG, PETER. Karl Reinhard Krüger. *Dresdner Kunstbl* Vol. 37 No. 5 (1993) pp. 156-61.

The author honors the famous Dresden engraver. (Paul Arnold)

564 HORBAS, CLAUDIA. Die Medaille auf das 150-jährige Jubiläum der Numismatischen Gesellschaft zu Berlin. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 174-77.

This article discusses the medal created by Berlin artist Wilfried Fitzenreiter. (Paul Arnold)

565 JOHNSON, MARIANGELA. Due medaglie di Guido Veroi per la Regione Lazio. *Medaglia* 27 (1992) pp. 83-85 illus.

The first of the two medals records the 50th anniversary of the publication of the European federalist manifesto of Ventotene in 1941; the second celebrates the 100th anniversary of the *Rerum Novarum* conceived by Leo XII in 1891. (*Andrea Carignani*)

566 LANDOLFI, FRANCESCO. Su due medaglie di Giuseppe Vismara, medaglista barocco. *RIN* 93 (1991) pp. 225-42 illus.

The author considers the two medals dedicated to the poets Francesco de Lemene and Carlo Maria Maggi and reconstructs, with the help of letters and documents, the relationships between the artist and the two literary men. (*Andrea Carignani*)

567 LORENZO, JOHN P. Rhode Island Ship Medal and Matthew Boulton. *PW* Vol. 28 No. 2 (March 15, 1994) pp. 89-91.

Further information concerning Champion's mill (zinc enrichment process), Boulton's connection to it and the possibility that Boulton designed and struck the medals. While the evidence offered is not definitive, it does lend support to the possibility that Boulton could have manufactured the medals. (*Thomas Serfass*)

568 MACKENZIE, KENNETH. A bilingual souvenir medal commemorating the re-establishment of the constitution in Turkey, 1908. *NomKhron* Vol. 12 (1993) pp. 67-68 illus.

569 MILLER, SCOTT. Medallic Memorials of the Visit of the Prince of Wales to North America in 1860. *Canada's Money*. John M. Kleeberg, Ed. Coinage of the Americas Conference, Proceedings No. 8 (New York, The American Numismatic Society 1994) pp. 104-24 illus. ISBN 0-89722-252-0.

A brief history of the visit by the Prince of Wales to North America in 1860 is presented, accompanied by a catalogue of medals and tokens issued in connection with the royal tour. (*Author*)

570 MIRNIK, IVAN. Medaglistica. *Arte e cultura in Croazia. Collezioni del Museo Archeologico di Zagabria*, Catalogo della Mostra, Turin 18 March - 9 May 1993. Rome, Nova Tiporom s.r.l. 1993 pp. 217-23 illus.

The author describes 20 medals from the end of the 19th to the beginning of the 20th century. (*Andrea Carignani*)

571 MODESTI, ADOLFO. La serie papale di restituzione di Giovanni Battista Pozzi. *Medaglia* 27 (1992) pp. 12-31 illus.

The author reviews the activity of the Baroque engraver Giovanni Battista Pozzi (1670-1751). The author advances the hypothesis that the series of 213 papal medals was conceived and executed on the occasion of the Jubilee of 1725.

(*Andrea Carignani*)

572 MURARI, OTTORINO. *Monete veronesi sconosciute di epoca rinascimentale in una serie di disegni del XVIII secolo*. Verona, private publication 1993. 85 pp. illus.

This is publication of 18th century drawings of 60 medals portraying famous personages of the 14th through 16th centuries. 29 of these medals were unpublished.
(Andrea Carignani)

573 ROBINSON, DAVID B. Kalman Renner. *Medaglia* 27 (1992) pp. 74-78 illus.

This is a biographical profile and review of the work of the contemporary Hungarian engraver Kalman Renner, born in 1927.
(Andrea Carignani)

574 SCHROEDER, JOHANN KARL VON. Der Silver-Abguß eines Reitersiegels des Kurfürsten Johann Sigismund von Brandenburg (1608-1619) als Medaille in der Brandenburg-Preußen-Sammlung Christian Lange, heraldisch betrachtet. *Numismatische Gesellschaft zu Berlin 1843-1993*. Berlin 1993 pp. 107-11.

575 TALVIO, TUUKKA. Gallen-Kallela ehdotukset Vapaussodan muistomitaliksi [Gallen-Kallela's proposals for the medal of the War of Liberation]. *Numismaattinen Aikakauslehti* No. 1 (1994) pp. 20-21 illus. In Finnish.

A. Gallen-Kallela's original drawings for the medal were made in the summer of 1918 when the republican constitution of independent Finland had not yet been confirmed, and they include an imaginary portrait of the King of Finland who was never elected.
(Author)

576 TALVIO, TUUKKA. Tasavallan presidenttien mitalit [Medals of the presidents of the Republic of Finland]. *Numismaattinen Aikakauslehti* No. 2 (1994) pp. 35-42 illus. In Finnish.

577 TALVIO, TUUKKA. Vapauden jumalatar seppelöi nuoruuden—Felix Nylundin ehdotus olympiarahaksi [The Goddess of Freedom crowns youth—F. Nylund's proposal for the Olympic coin]. *Numismaattinen Aikakauslehti* No. 1 (1994) pp. 14-15 illus. In Finnish.

The Olympic games in Helsinki were originally scheduled for 1940. In 1939, a competition was organized for a commemorative coin, which eventually was struck in 1951-52. The second prize in the competition was given to the sculptor F. Nylund (1878-1940).
(Author)

578 TAZEDAKIS, PANOS. The engraver Konrad Lange, his work and the medals of the reign of King Otto. The medals of Christodoulou (the forger). *NomKhron* Vol. 7 (1988) pp. 95-98 illus.

579 TAZEDAKIS, PANOS. The medals of Christodoulou. *NomKhron* Vol. 10 (1991) pp. 98-102 illus.

580 TAZEDAKIS, PANOS. The military medals of the Balkan Wars (1912-1913). *NomKhron* Vol. 12 (1993) pp. 78-88 illus.

581 TAZEDAKIS, PANOS. The Orders of the Hellenic Republic. *NomKhron* Vol. 8 (1989) pp. 105-12 illus.

582 TZAMALIS, A.P. The story of a medal. How the Hellenic Numismatic Society's medal was designed and struck. *NomKhron* Vol. 7 (1988) pp. 123-24 illus.

583 VANNEL TODERI, FIORENZA. La zecca e la medaglistica. B. Paolozzi Strozzi et al., *Le monete della Repubblica Senese*. Milan, Monte dei Paschi di Siena, Amilcare Pizzi editore 1992 pp. 237-57 illus.

584 VITTORIO, ANNA. Alcune ipotesi su una medaglia rinascimentale rinvenuta a San Lorenzo di Sebato (Bolzano). *Medaglia* 27 (1992) pp. 7-11 illus.

The author attributes to the engraver Mathies Gebel (1529) a medal discovered near Bolzano which bears the portrait of a Tyrolean noble, Georg Hermann.

(Andrea Carignani)

585 VOLTOLINA, PIERO. Medaglie di magistrati veneti (parte I). *RIN* 94 (1992) pp. 313-40 illus.

The author describes ten medals from the second half of the 18th century: 5 from Bergamo, 3 from Brescia, and 2 from Salò.

(Andrea Carignani)

586 WALDMAN, LOUIS. Varrone d'Agniolo Belferdino's Commemorative Medal of an Unknown Lady. *AJN* 2nd Ser. 3-4 (1991-92) pp. 105-16 illus.

The activity of the fifteenth-century bronze caster Varrone d'Agniolo Belferdino, Filarete's assistant on the doors of St. Peter's basilica, is documented by contemporary records, but his remarkable personality as a sculptor emerged only recently with the appearance of a signed medal of the Emperor Claudius. A second

medal, memorializing an unidentified lady (Hill, *Corpus* 1147), is here assigned to Varrone based on a close analysis of its style and epigraphy. The medal's imagery is interpreted as a commentary on the permanence of beauty even in the face of death.

(Author)

For additional references to Medals and Decorations, see the following abstracts:

Western and Central Europe, 355, 417.

PRIMITIVE MONEY

587 PARISE, NICOLA FRANCO. Dai pesi egei per la lana alla mina Dudu. *NumAntClas* 20 (1991) pp. 13-16.

In response to a recent hypothesis put forward by Zaccagnini, the author argues that it is not possible to reconstruct a unique weight system in wool between the Euphrates and Egypt, preferring the *mina* of Dudu or the *kundukto* of Nuzi.

(Andrea Carignani)

588 PARISE, NICOLA FRANCO. *Nascita della moneta e forme arcaiche dello scambio*. Rome, Guido Guidotti editore 1992. 91 pp. illus.

This work is a collection of twelve articles by the author on the themes of the origin of money, early forms of exchange, and the study of premonetary tokens.

(Andrea Carignani)

PAPER MONEY

589 CASAS PLA, J. La Sanidad española y su expresión en billetas. *GacNum* 111 (1993) pp. 39-44.

590 IATROU, A. Series 01 on the thousand drachma note of 1970. *NomKhron* Vol. 9 (1990) pp. 91-92 illus.

591 LLOBET Y PORTELLA, J.M. Documents per a la història del paper moneda de la Segarra (1937-1939). *Acta Num* 21-22-23 (1992) pp. 523-32.

592 MARTI Y COT, R. Los vales de Tarancón (Cuenca). *GacNum* 111 (1993) pp. 19-20.

593 PITIDIS-POUTOUS, T. An unknown Greek banknote. *NomKhron*
Vol. 9 (1990) pp. 87-88 illus.

TOKENS AND JETONS

594 LANE, PETER. Another Thomas Alsop Love Token Comes to Light.
JNAAus Vol. 7 (Dec. 1993), p. 79.

The token commemorates the transportation of Thomas Alsop from England to
Australia in 1833. *(John Melville-Jones)*

REVIEWS

AHRENS, DIETER and KURT CIBIS. Generationen, Geschichte, Geld—Zweitausend Jahre Geldgeschichte in Trier. Trier 1986. Rev. G. Hochstrasser, *BSNR* Vols. 80-85 (1992) p. 322.

ALBUM, STEPHEN. A Checklist of Popular Islamic Coins. Santa Rosa, 1992. Rev. G. Rispling, *SNT* 1994:1 pp. 20-21.

ALFÖLDI, A. and E. Die Kontorniat-Medaillons, Teil 2. *AMUGS* VI/2, Berlin/New York 1990. Rev. B. Kaposy, *SM* 43 (1993) Vol. 169 p. 19.

ALLEN, DEREK. Catalogue of the Celtic Coins in the British Museum, with supplementary material from other British Collections. Vol. 1: Silver Coins of the East Celts and Balkan Peoples. London 1987. Rev. C. Preda, *BSNR* Vols. 80-85 (1992) pp. 310-11.

BAR, M. Monnaies grecques et assimilées trouvées en Belgique, Travaux du Cercle d'Etudes Numismatiques, 11. Brussels 1991. Rev. Lorenza Ilia Manfredi, *RStudFenici* 20, 2 (1992) pp. 196-98.

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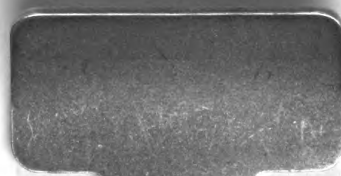
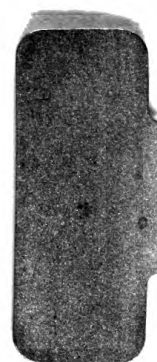
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